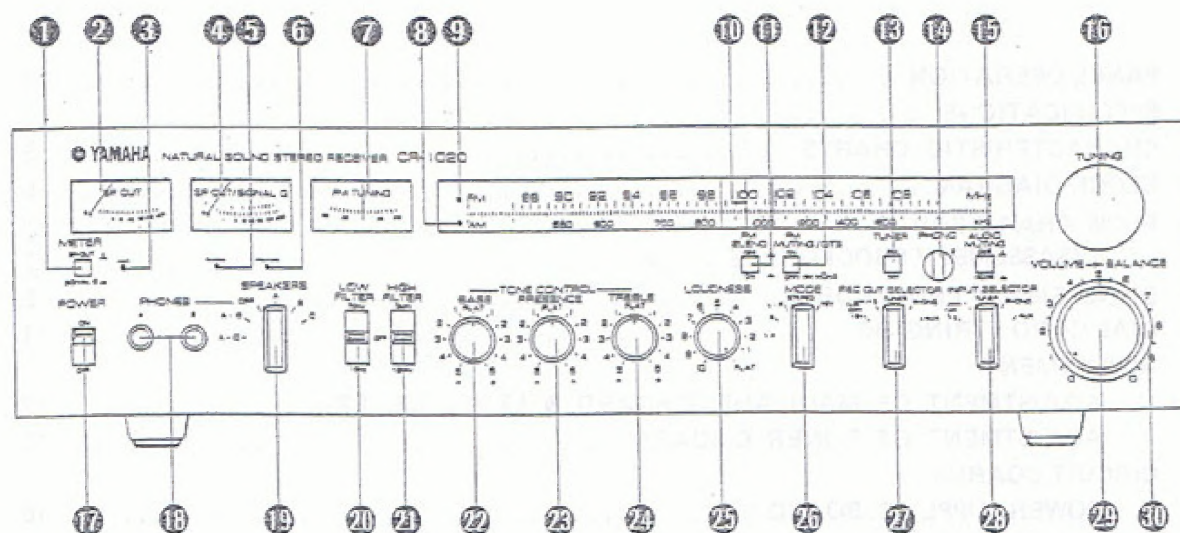


CR-1020

FM/AM STEREO RECEIVER



- ① METER SELECTOR
- ② LEVEL METER
- ③ POWER INDICATOR
- ④ SIGNAL/LEVEL METER
- ⑤ FM STEREO INDICATOR
- ⑥ OTS INDICATOR
- ⑦ TUNING METER
- ⑧ AM INDICATOR
- ⑨ FM INDICATOR
- ⑩ DIAL POINTER
- ⑪ FM BLEND SWITCH
- ⑫ FM MUTING SWITCH
- ⑬ TUNER SWITCH
- ⑭ PHONO SELECTOR
- ⑮ AUDIO MUTING SWITCH

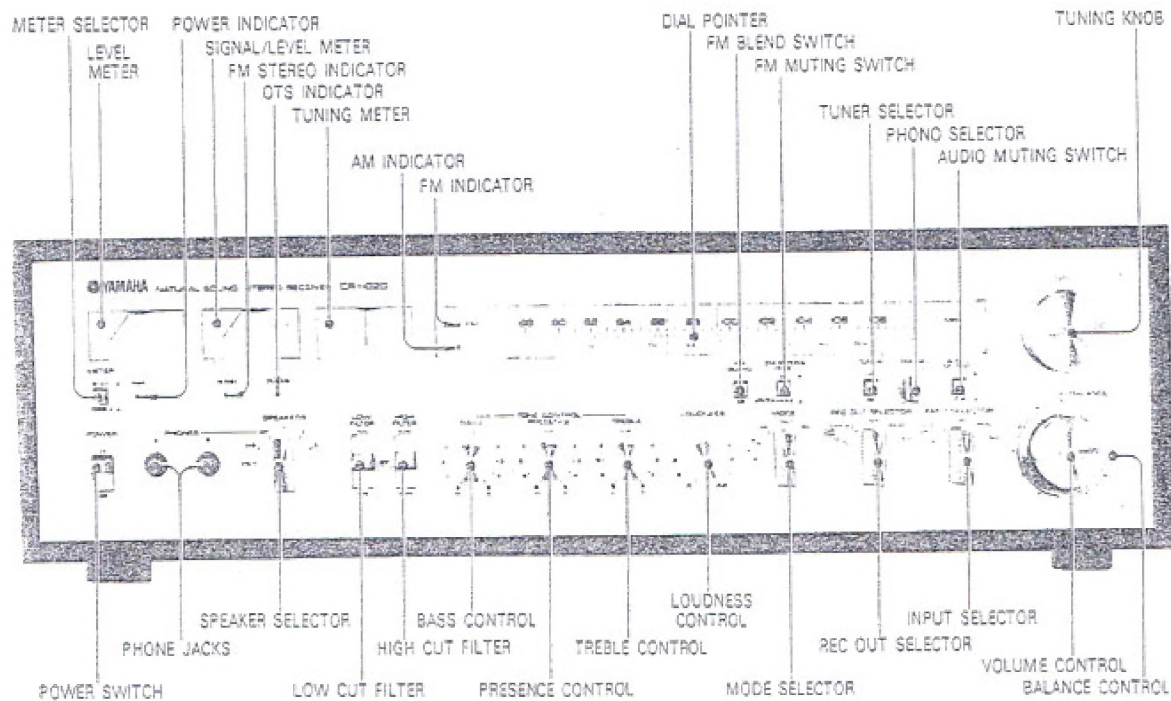
- ⑯ TUNING KNOB
- ⑰ POWER SWITCH
- ⑱ HEADPHONE JACKS
- ⑲ SPEAKER SELECTOR
- ⑳ LOW CUT FILTER SWITCH
- ㉑ HIGH CUT FILTER SWITCH
- ㉒ BASS CONTROL
- ㉓ PRESENCE CONTROL
- ㉔ TREBLE CONTROL
- ㉕ LOUDNESS CONTROL
- ㉖ MODE SELECTOR
- ㉗ REC OUT SELECTOR
- ㉘ INPUT SELECTOR
- ㉙ VOLUME CONTROL
- ㉚ BALANCE CONTROL

CONTENTS

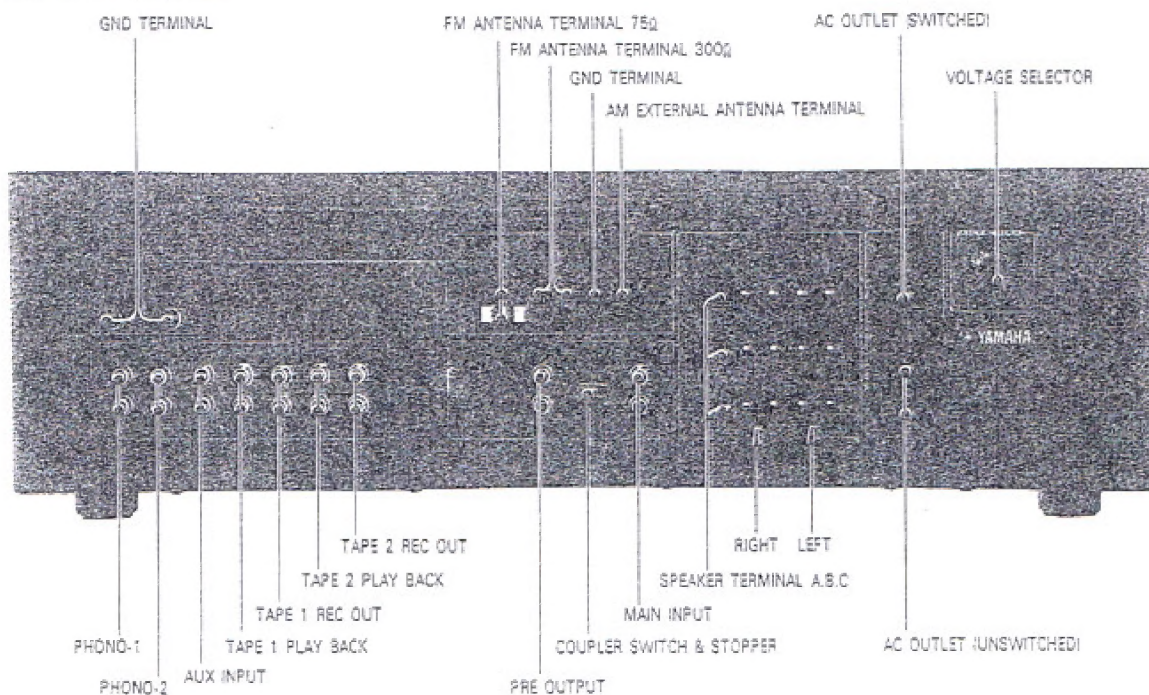
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PANEL OPERATION

FRONT PANEL



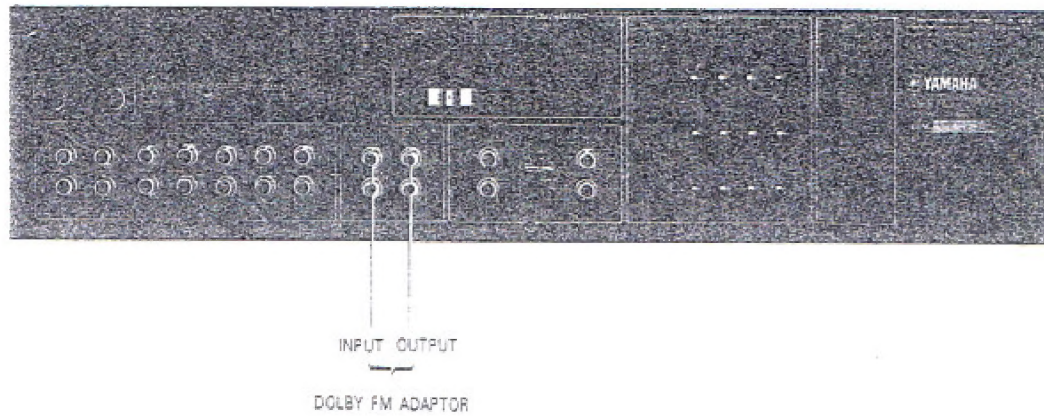
REAR PANEL GENERAL MODEL



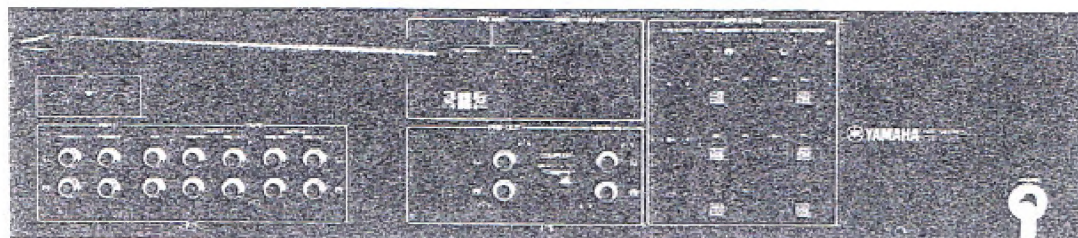
PANEL OPERATION

REAR PANEL

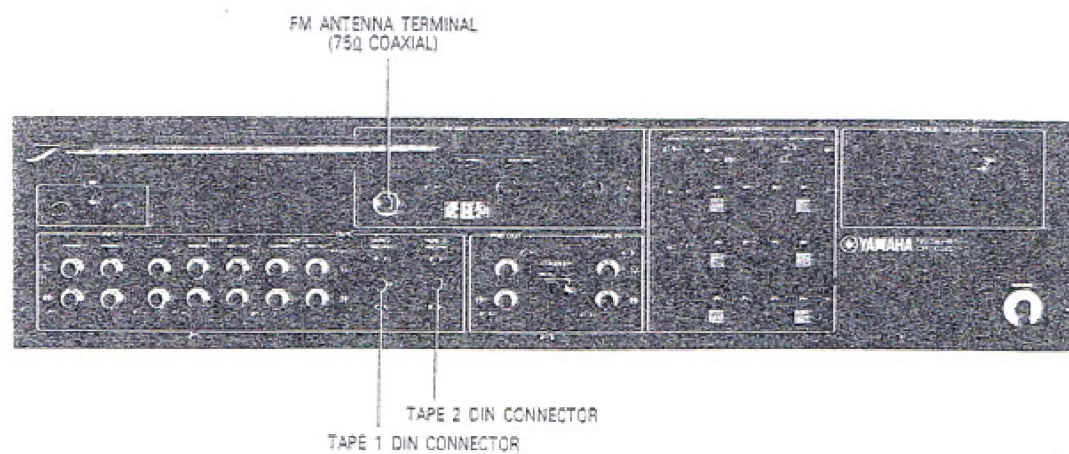
US & CANADIAN MODEL



UK & AUSTRALIAN MODEL



EUROPEAN MODEL



SPECIFICATIONS

AMPLIFIER SECTION

Input Sensivity/Impedance

Phono 1, 2(MM) :	2mV-1kHz/47k Ω , max. 230V
AUX, Tape 1, 2 :	120mV/45k Ω
DIN 1, 2 :	120V/45k Ω (European model only)
Main In :	775mV/100k Ω

Output Level/Impedance

REC. OUT 1, 2 :	120mV/500 Ω (Phono) 6k Ω (Tuner) max. 15V(Phono, 1kHz)
DIN OUT 1, 2 :	30mV/52k Ω (European model only)
PRE OUT :	775mV (750 Ω) max. 5V

Frequency Response

Phono 1(MM, MC), 2 RIAA Deviation:	± 0.2 dB
AUX, Tape 1, 2 to SP. out:	± 2.5 dB(10Hz to 100kHz)
Main in to SP. out:	± 2.5 dB(10Hz to 100kHz)

Tone Control Characteristics

BASS :	Turnover 350Hz Variable Range ± 15 dB/50Hz
TREBLE :	Turnover 3.5kHz Variable Range ± 10 dB/20kHz
PRESENCE :	Center 3kHz 2kHz ± 6 dB

Filter Characteristics

Low Filter :	fc=15Hz, 70Hz 12dB/oct
High Filter :	fc=8kHz, 12kHz 12dB/oct

Loudness Characteristics

According to the Fletcher and Munson curve

Signal-to-Noise Ratio and Noise Level

Phono 1(MM), 2 :	(2mV) 81dB (IHF A Network, Input Short Circuited)
AUX :	100dB (IHF A Network, 5.1k Ω Short Circuited)
Tape :	100dB (-do.-)
Main :	112dB (-do.-)
Residual Noise :	100 μ V (IHF A Network, Vol. min)

Total Harmonics Distortion

Phono 1(MM), 2 :	0.01%(20 to 20kHz) REC OUT 7.5V
AUX :	0.02%(-do.-) SP. OUT 50W/8 Ω
Tape :	0.02%(-do.-) SP. OUT 50W/8 Ω
Main In :	0.015%(-do.-) SP. OUT 50W/8 Ω
Phono 1(MM), 2 :	0.1%(0.1 to 100W/8 Ω) Vol. -20dB
IM Distortion AUX:	0.02% SP. OUT 50W/8 Ω

Rating Output and etc.

8 Ω Both ch. driven:	70W (20 to 20kHz) 0.05% T.H.D 80W (1kHz) 0.05% T.H.D
4 Ω Both ch. driven:	80W (20 to 20kHz) 0.05% T.H.D (Except E & BS) 90W (1kHz) 0.05% T.H.D
Power Band Width:	10 to 50kHz
Damping Factor:	40 or more, 1kHz/8 Ω

TUNER SECTION-FM

Tuning Range

88 to 108MHz

Usable Sensitivity, 98MHz

IHF mono :	1.8 μ V (300 Ω) 10.3dBf 0.9 μ V (75 Ω) 10.3dBf
DIN mono :	1.3 μ V (Dev: 40kHz, S/N: 26dB)
stereo :	40 μ V (Dev: 40kHz, S/N: 46dB)

50-dB Quieting Sensitivity

mono :	3.2 μ V, 15.3dBf
stereo :	40 μ V, 37.2dBf

Signal-to-Noise Ratio

mono :	77dB, DIN (Dev: 40kHz) 71dB
stereo :	73dB, DIN (Dev: 40kHz) 67dB

Image Interference Ratio (98MHz) :	85dB
IF Interference Ratio (98MHz):	90dB
Spurious Interference Ratio (98MHz):	100dB
Amplitude Suppression Ratio IHF:	65dB
Capture Ratio:	1dB
Alternate-Channel Selectivity	80dB
DIN (Dev: ± 300 kHz, 40kHz):	60dB

Total Harmonics Distortion

mono :	100Hz, 0.08%
	1kHz, 0.08%
	6kHz, 0.15%
stereo :	100kHz, 0.15%
	1kHz, 0.1%
	6kHz, 0.2%

Cross Modulation Distortion

IHF mono :	0.05%
stereo :	0.1%

Stereo Separation

50Hz :	35dB
1kHz :	50dB
10kHz :	45dB

Frequency Response

50 to 10kHz :	± 0.3 dB
30 to 15kHz :	± 0.5 dB
10 to 18kHz :	+0.5 -3dB

Sub Carrier Suppression

60dB

Muting Signal Level

3 μ V (14.8dBf), 30 μ V (34.8dBf)

TUNER SECTION-AM

Tuning Range

525 to 1605kHz

Usable Sensitivity (Used Bar antenna)

IHF: 300 μ V/m (49dB/m)

Selectivity

1000kHz: 30dB

Signal-to-Noise Ratio

80dB/m: 50dB

Image Interference Ratio

1000kHz: 55dB

IF Interference Ratio

1000kHz: 40dB

Spurious Interference Ratio

1000kHz: 55dB

Total Harmonics Distortion

80dB/m: 0.4%

Output Level/Impedance

FM(Mod. 100%) :	450mV/6.5K Ω (REC OUT)
FM(Mod. 30%) :	120mV/6.5K Ω (REC OUT)

GENERAL

Used Semi Conductors

109 Transistors	58 Diodes
4 ICs	7 Zener Diodes
3 FETs	5 LEDs
	4 CFs

Rated Voltage

120V/60Hz (US. and CANADA)
240V/50Hz, (UK. and AUSTRALIA)
110, 120, 130, 220, 230 and 240V/50, 60Hz
(EUROPE and General export models)

Rated Power Consumption

320W, 390VA (US., CANADA and General export models)
520W (UK., EUROPE and AUSTRALIA)

Dimensions

540(W) x 167(H) x 415(D)mm
21-1/4 x 6-9/16 x 16-5/16 in (US., CANADA and General export models)
521(W) x 146.5(H) x 415(D)mm
20-1/2 x 5-3/4 x 16-5/16 in (UK. and EUROPE)

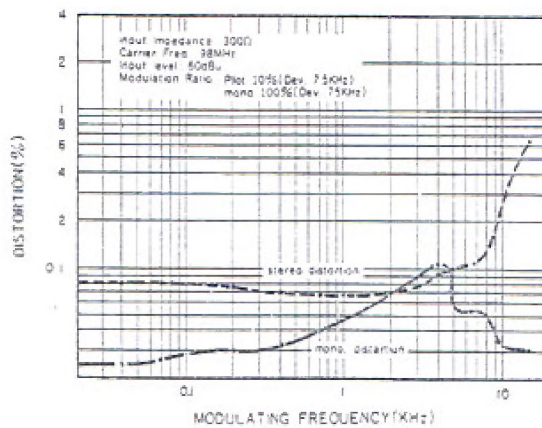
Weight

18.8kg 41.4 lbs (US., CANADA, AUSTRALIA and General export models)
18.6kg 40.3 lbs (UK. and EUROPE)

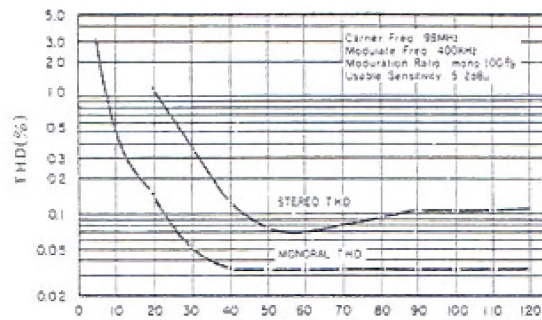
CHARACTERISTIC CHARTS

TUNER SECTION-FM

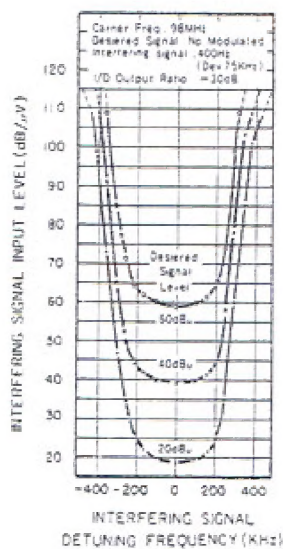
DISTORTION V. MODULATING FREQUENCY



T.H.D. V. INPUT LEVEL

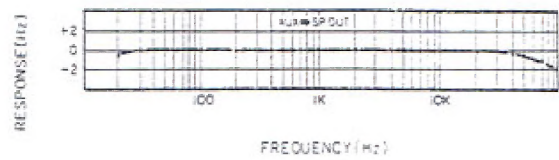


FM 2 SIGNALS EFFECTIVE SELECTIVITY

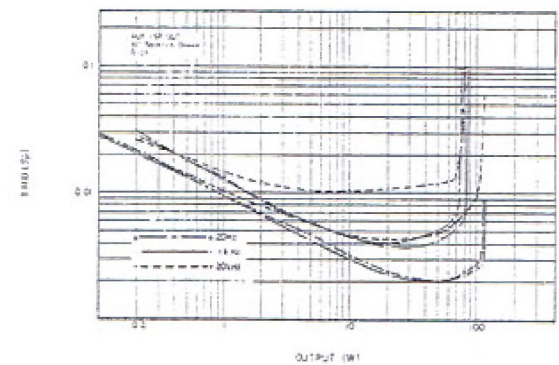


AMPLIFIER SECTION

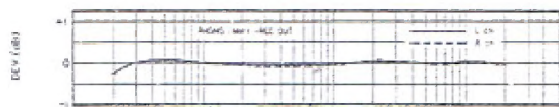
FREQUENCY RESPONSE



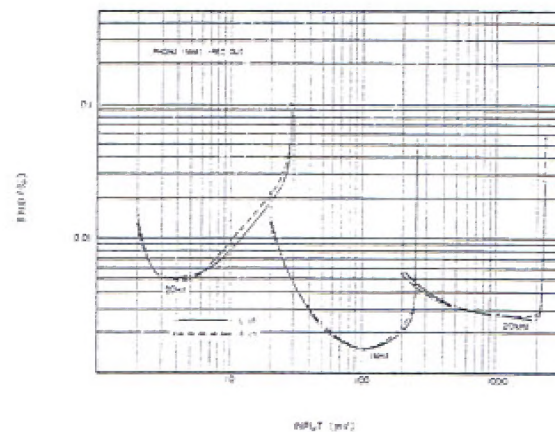
T.H.D. V. OUTPUT



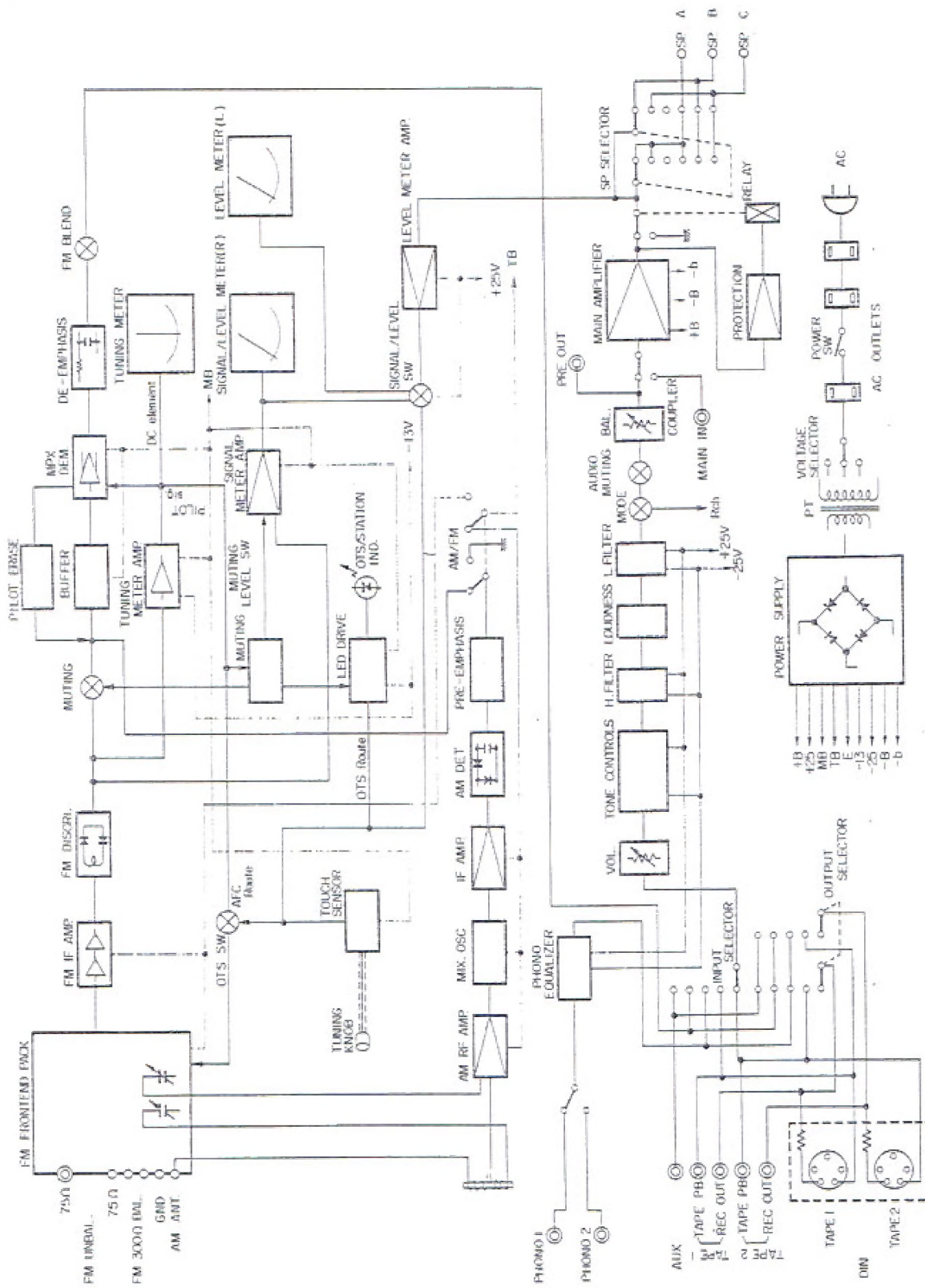
RIAA DEVIATION



T.H.D. V. PHONO INPUT

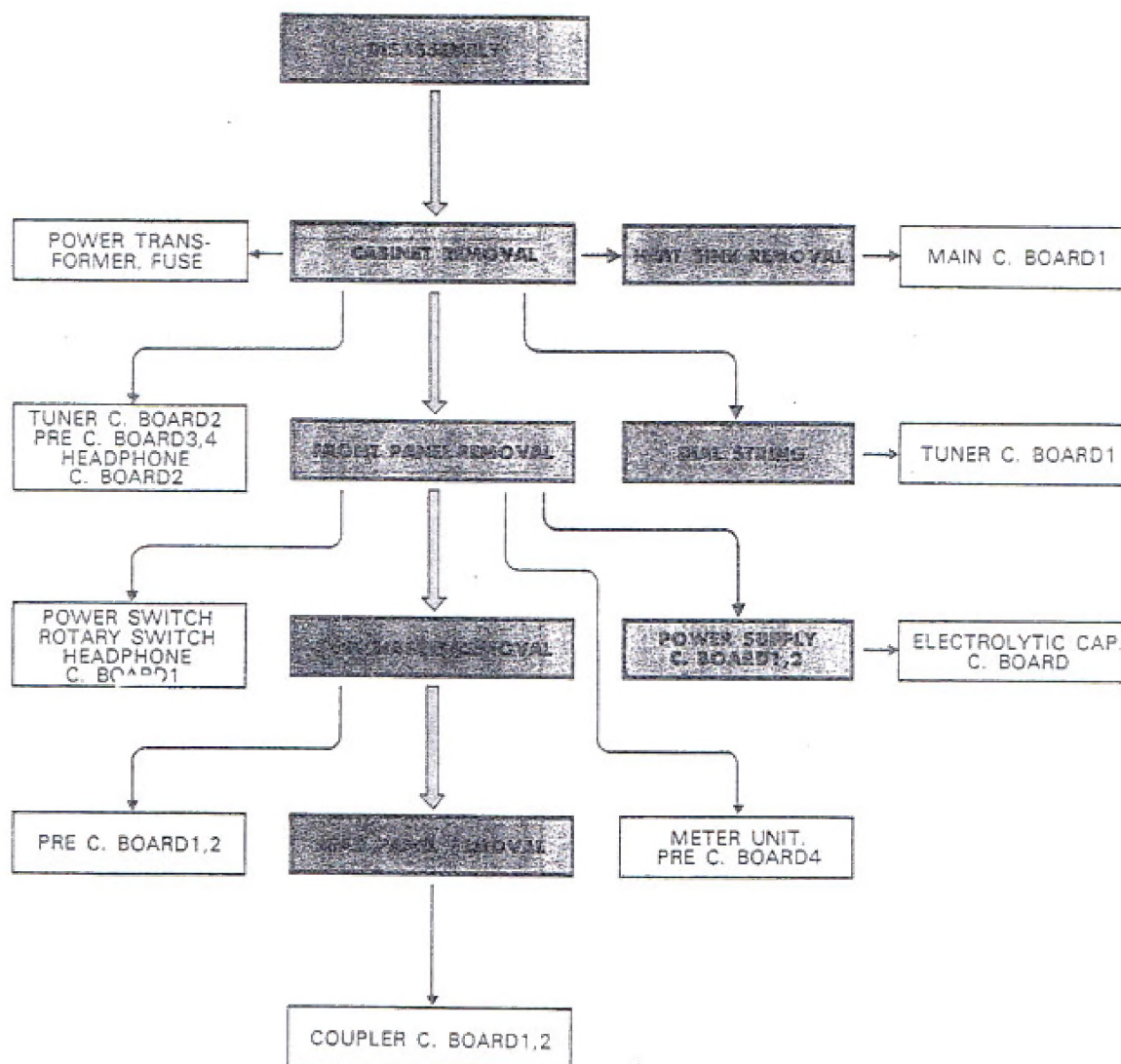


BLOCK DIAGRAM



FLOW CHART FOR DISASSEMBLY PROCEDURES

Disassembly procedures are shown in accordance with U.S. model.



Note

TUNER C. BOARD 2:

PRE C. BOARD 1:

PRE C. BOARD 2:

PRE C. BOARD 3:

HEADPHONE C. BOARD 1:

HEADPHONE C. BOARD 2:

COUPLER C. BOARD 1:

COUPLER C. BOARD 2:

POWER SUPPLY C. BOARD 2:

FM BLEND, FM MUTING, OTS AND AM-FM SWITCHES

LOW AND HIGH FILTER SWITCHES, TONE AND LOUDNESS CONTROLS,

MODE, REC OUT AND INPUT SELECTORS

VOLUME AND BALANCE CONTROLS

AUDIO MUTING SWITCH

HEADPHONE JACKS

AM-FM INDICATORS

ANTENNA TERMINALS

COUPLER SWITCH AND PIN JACKS

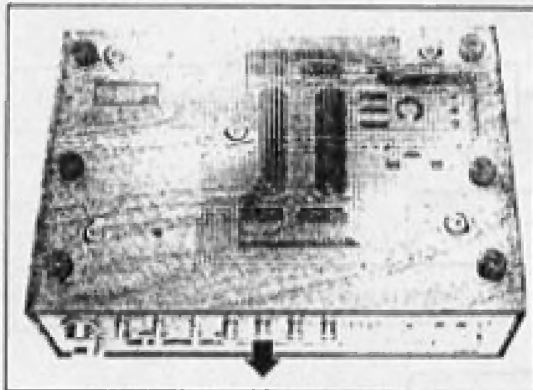
METER SELECTOR

DISASSEMBLY PROCEDURES

1. CABINET REMOVAL

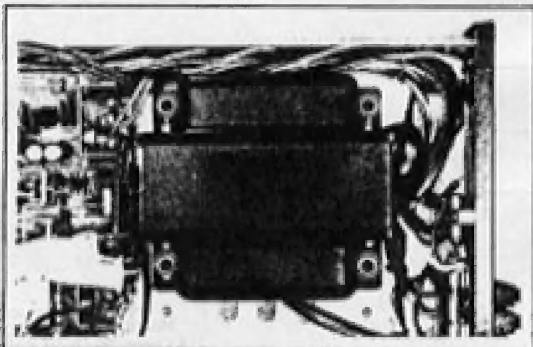
Remove 5 screws, then pull out the chassis in arrow direction.

Since the cabinet used for UK and European models are different from the photo shown below, refer to "EXPLODED VIEW" as shown in page 1 of the PARTS LIST.



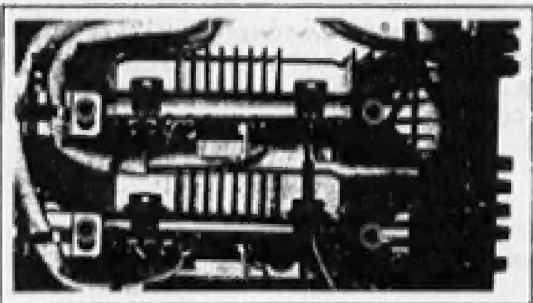
2. POWER TRANSFORMER REMOVAL

Remove 4 screws.

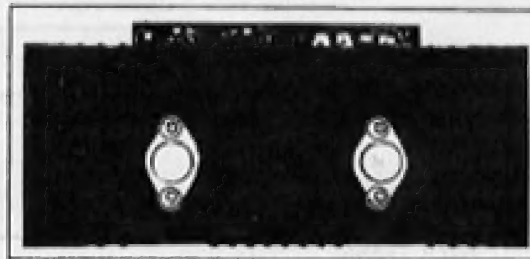


3. HEAT SINK AND MAIN CIRCUIT BOARD 1 REMOVAL

Step 1. Remove 4 screws, then dismantle the heat sink.

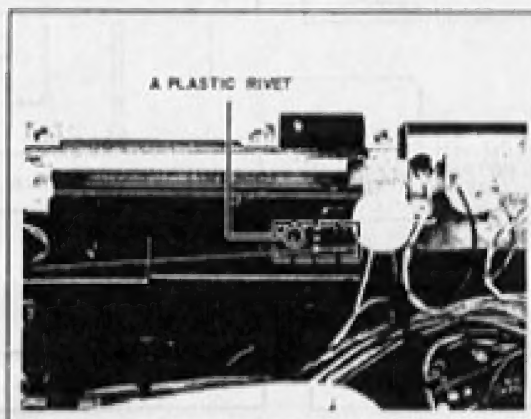


Step 2. Remove 4 screws fixing 2 power transistors.



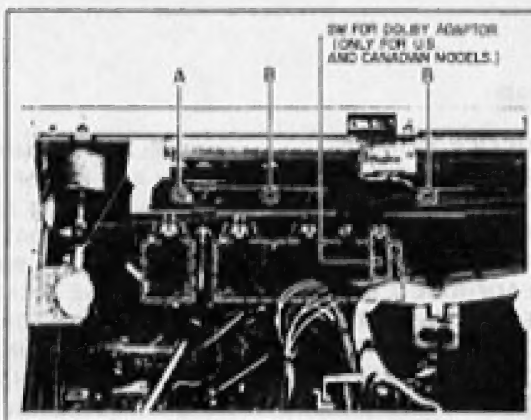
4. HEADPHONE CIRCUIT BOARD 2 REMOVAL

Remove a plastic rivet, then detach the Headphone Circuit Board 2 from dial scale.



5. PRE CIRCUIT BOARD 3 AND TUNER CIRCUIT BOARD 2 REMOVAL

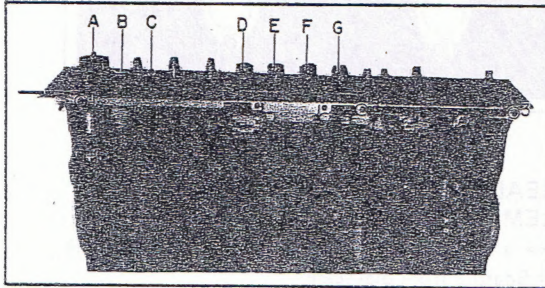
Screw A is for fixing the Pre Circuit Board 3.
Screws B are for fixing the Tuner Circuit Board 2.



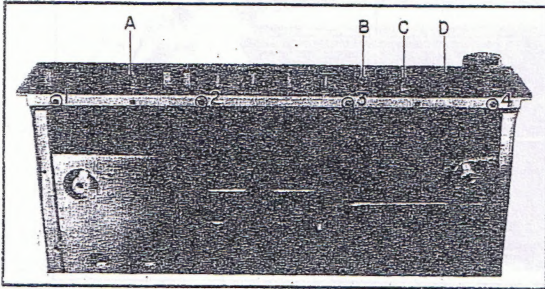
DISASSEMBLY PROCEDURES

6. FRONT PANEL REMOVAL

- Step 1. 1) Remove 3 screws 1 to 3, and pull off 7 knobs A to G.
- 2) Insert a hexagonal allen wrench in arrow direction and loosen 2 screws fixing the tuning knob, then withdraw the knob.

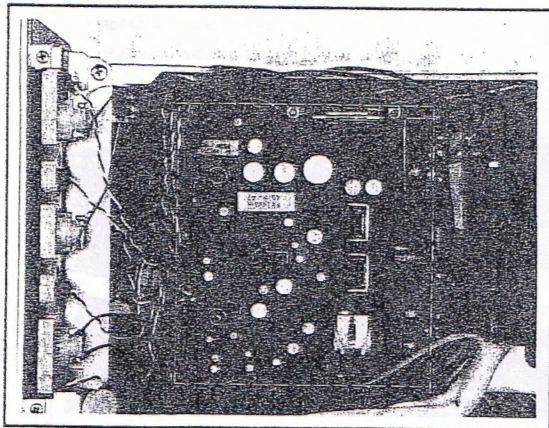


- Step 2. 1) Remove 4 screws 1 to 4.
- 2) Loosen 4 screws A to D fixing each knob with a hexagonal allen wrench, then withdraw the knobs.



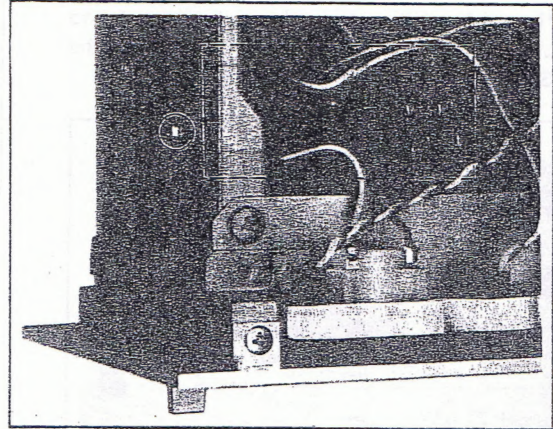
7. POWER SUPPLY CIRCUIT BOARD 1 REMOVAL

Remove 2 screws, then pull off the Power Supply Circuit Board 1 in arrow direction.



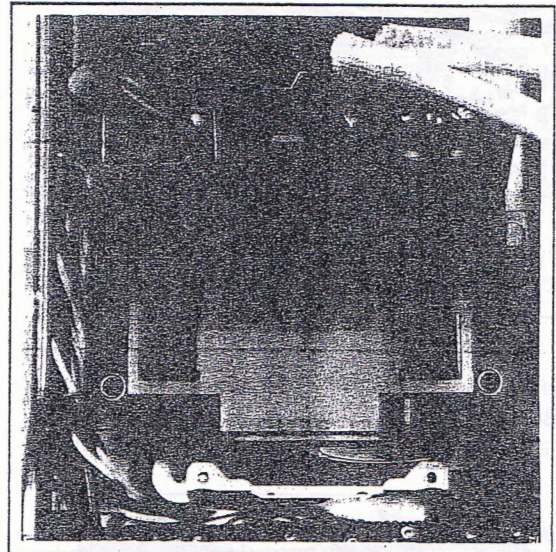
8. POWER SUPPLY CIRCUIT BOARD 2 REMOVAL

Remove a screw.



9. ELECTROLYTIC CAPACITOR CIRCUIT BOARD REMOVAL

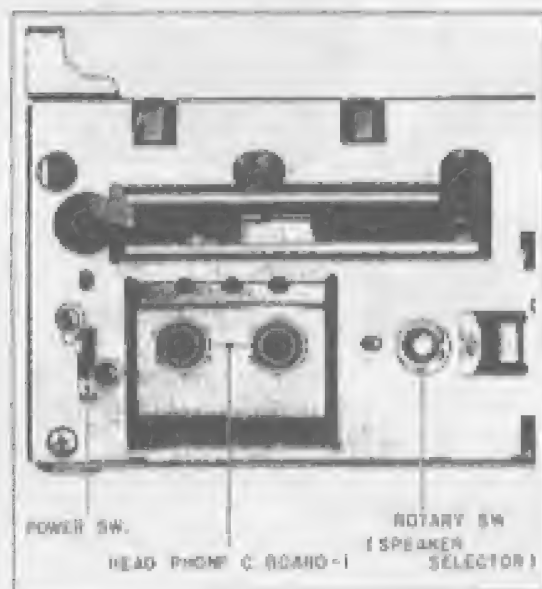
- 1) Remove 2 screws, then dismantle the holder securing 2 electrolytic capacitors.
- 2) Slide up the Electrolytic Capacitor Circuit Board in arrow direction.



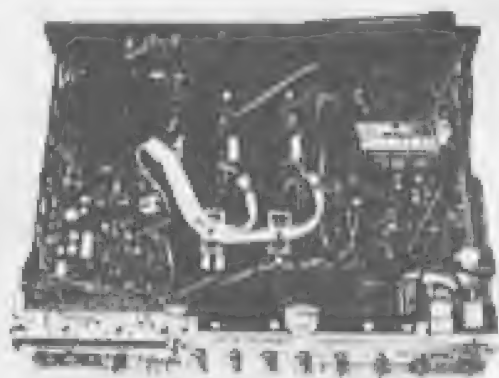
DISASSEMBLY PROCEDURES

10. POWER SWITCH, HEADPHONE CIRCUIT BOARD 1 AND ROTARY SWITCH REMOVAL

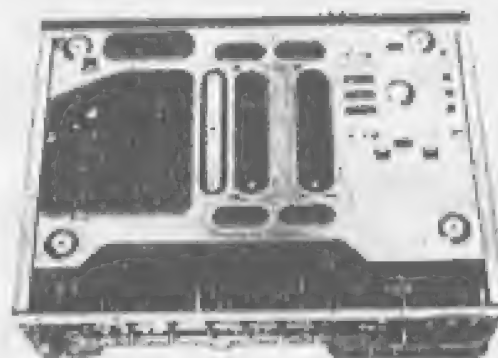
- 1) Pull off the knobs of the power switch.
- 2) Remove 2 screws and 3 hexagonal nuts.



TOP VIEW

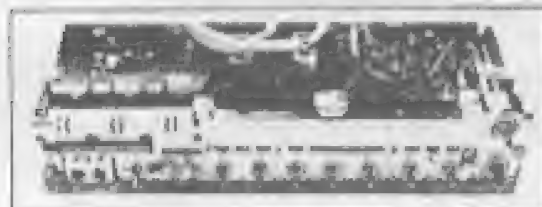


BOTTOM VIEW



11. SUB-CHASSIS REMOVAL

- 1) Pull the knobs off.
- 2) Remove 8 screws and 9 hexagonal nuts.

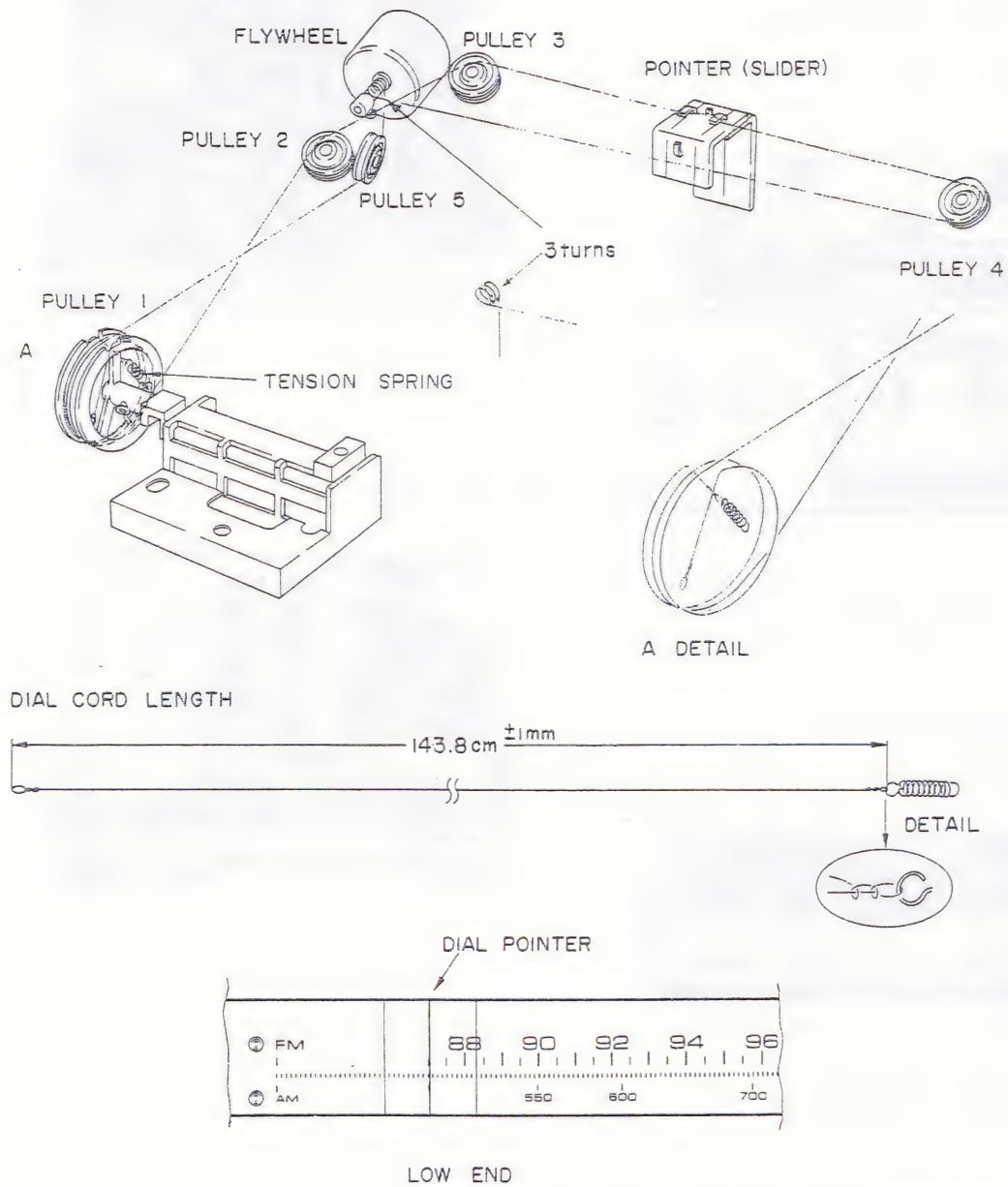


12. REAR PANEL REMOVAL

Remove 9 screws.



DIAL CORD STRINGING

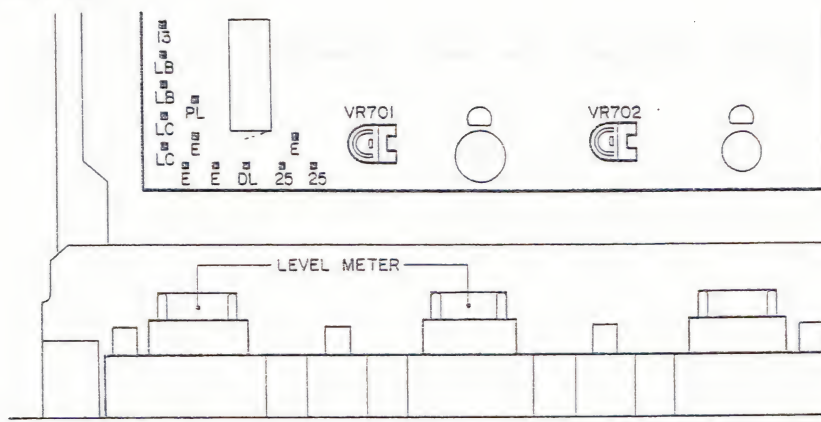


After stringing the dial cord, turn the tuning knob fully counterclockwise and set the pointer to lower end indication of the scale as illustrated above. Then hook the string to the pointer assembly and lock by painting.

ADJUSTMENT

ADJUSTMENT OF LEVEL METER

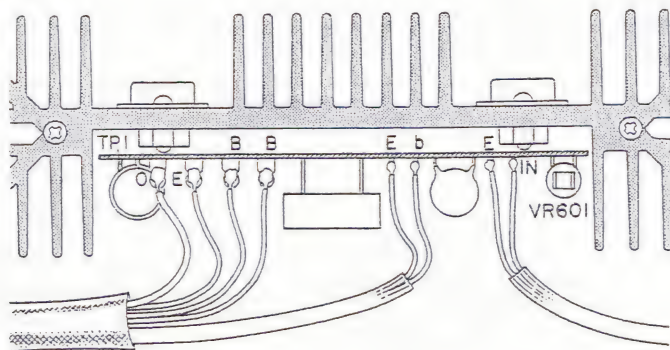
ADJUSTING POINTS



ITEM	AD- JUSTING POINTS	CON- NECTING POINT	EQUIPMENT	METHOD	INDI- CATION
LEVEL METER	VR-701 VR-702	—	50W/8Ω (1kHz)	Turn VR-701, 702 so that the wattage becomes rated value as shown on right hand side.	50W (±1m/m)

ADJUSTMENT OF MAIN C.BOARD

ADJUSTING POINTS

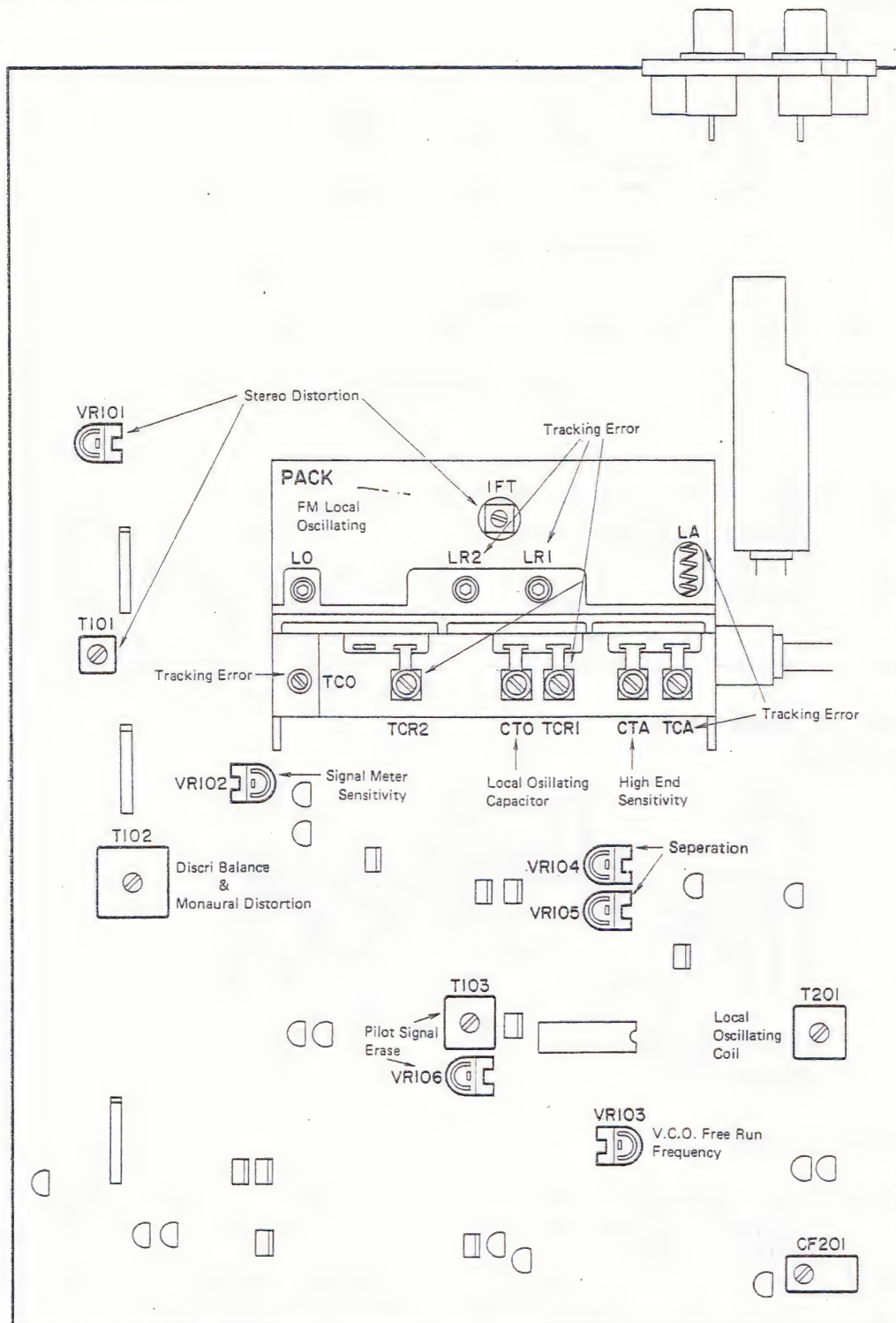


ADJUSTMENT OF IDLING CURRENT

ITEM	AD- JUSTING POINT	CON- NECTING POINT	EQUIPMENT	METHOD	INDI- CATION
IDLING CURRENT	VR-601	TP1 — 0	VTVM or Digital Volt Meter	Turn VR601, so that the voltage between TP1 and TP0 becomes rated value as shown on right hand side.	10±1mV

ADJUSTMENT

ADJUSTMENT OF TUNER C.B.OARD ADJUSTING POINTS



ADJUSTMENT

ADJUSTMENT OF TRACKING ERROR OF FM SECTION

Step	ITEMS	ADJUSTING POINTS	CONNECTING INPUT	EQUIPMENT	METHOD	RE-MARKS
1	POINTER OF THE DIAL	Pointer	FM Ant.	FM SG 98MHz 60dB μ	Tune the receiver to SG, then loosen the pointer from the dial string and set the pointer to 98MHz of the scale.	± 1 mm or less
2	HIGH END TRACKING ERROR CONFIRMATION		FM Ant.	FM SG 108MHz 60dB μ	Tune the receiver to SG, then confirm so that the pointer is on 108MHz of the scale.	± 2 mm or less
3	TRACKING ERROR TRIMMING (Only when proper confirmation cannot be made by step 2, proceed to step 3.)	Pointer	FM Ant.	FM SG 88MHz to 108MHz 60dB μ	Reset the pointer, so that the pointer is on within allowance in all range as shown on right hand side.	± 2 mm or less
4	TRACKING ERROR ADJUSTING (Only when proper adjustment cannot be made by step 3, proceed step 4.)	TCO (Pack)	FM Ant.	FM SG 98MHz 108MHz 60dB μ	Adjust error by the pointer and TCO alternately. 98MHz – pointer 108MHz – TCO	

ADJUSTMENT OF TRACKING ERROR OF AM SECTION

ADJUST AM SECTION AFTER ADJUSTMENT OF FM SECTION MADE CORRECTLY.

Step	ITEMS	ADJUSTING POINTS	CONNECTING POINTS	EQUIPMENT	METHOD	RE-MARKS
1	LOCAL OSCILLATING COIL	T201	Bar Ant.	AM SG 600kHz 80dB/m to 100dB/m	Set the pointer to 600kHz of the scale, then turn the core of T201 slowly, so that the signal meter swings to the maximum.	
2	LOW END SENSITIVITY	Core of bar ant.	Bar Ant.	AM SG 600kHz 60dB/m	Turn the cord of the bar antenna coil, so that the signal meter swings to the maximum.	
3	LOCAL OSCILLATING CAPACITOR	CT0 (Pack)	Bar Ant.	AM SG 1350kHz 80dB/m to 100dB/m	Set the pointer to 1350kHz of the scale, then turn the trimmer capacitor CT0, so that the signal meter swings to the maximum.	
4	HIGH END SENSITIVITY	CTA (Pack)	Bar Ant.	AM SG 1350kHz 60dB/m	Turn the trimmer capacitor CTA, so that the signal meter swings to the maximum.	
5	REPEAT			AM SG 600kHz 1350kHz 60dB/m	The above adjustments are necessary to repeat 2 to 3 times to minimize tracking error and differential of sensitivity between 600kHz and 1350kHz.	Tracking error: ± 1.5 mm or less
6	MID RANGE CONFIRMATION		Bar Ant.	AM SG 950kHz	Tune the receiver to SG, so that the signal meter swings to the maximum, then confirm so that the pointer is on 950kHz of the scale.	± 2 mm or less

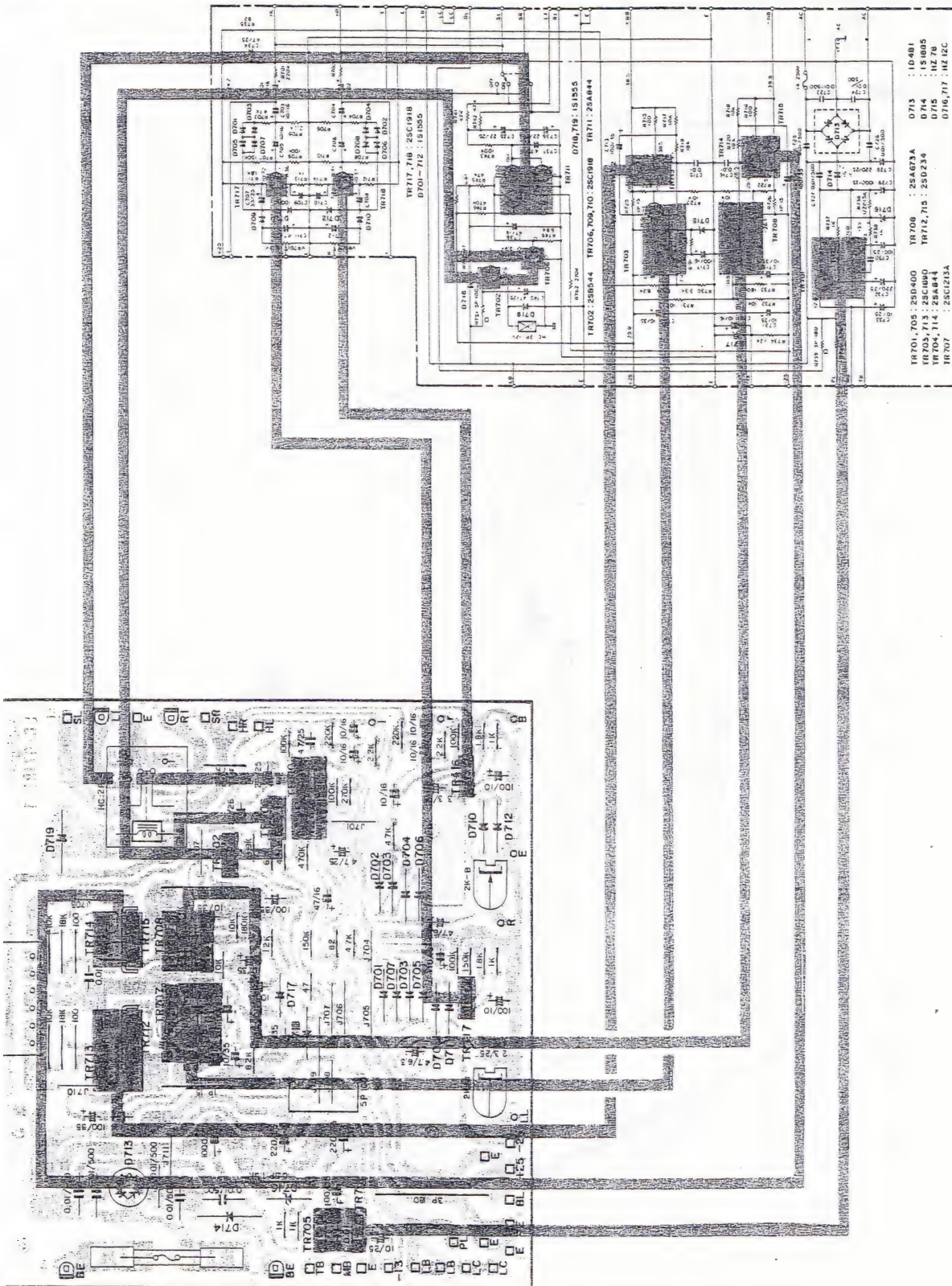
ADJUSTMENT

ADJUSTMENT OF TUNER CIRCUIT BOARD

Step	ITEMS	ADJUST- ING POINT	CON- NECTING INPUT	POINT OUTPUT	EQUIPMENT	METHOD	INDI- CATION (Typical)
1	DISCRI. BALANCE	T102 (up-side core)	FM Ant.			Turn the pointer to detuning point near by 98MHz, and turn the up-side core of the T102 so that the tuning meter reads zero. Note: Before adjusting, confirm that the meter reads zero when the power SW. is off.	0(zero)
2	TUNING POINT SETTING	Tuning knob	FM Ant.		FM SG 98MHz 60dBμ	Tune the knob so that the tuning meter reads center.	
3	VCO FREE RUN FREQUENCY	VR103	FM Ant.	19kHz TP	FM SG -do.- 0% (mod.) Frequency Counter (FC.)	Adjust VR103 so that FC. reads 19kHz. Confirm that FM SG is set to mono.	19kHz ±20Hz (±5Hz)
4	MONAURAL DISTORTION	T 102 (bottom- side core)	FM Ant.	Output (L or R)	-do.- FM SG mono. 1kHz 100%	Turn the bottom-side core of the T102 so that the distortion becomes minimum.	-60dB or less (-64dB)
5	STEREO DISTORTION	T101 VR 101 IFT (Pack)	FM Ant.	Output (L)	FM SG 98MHz 60dBμ L+R stereo 1kHz 100% Oscilloscope VTVM Distortion Meter (DM.) LPF (17kHz)	Turn the core of the T101 IFT (Pack), and adjust VR101 so that the distortion becomes minimum.	-56dB or less (-62dB)
6	SEPARATION	VR 104 VR 105	FM Ant.	Output (L, R)	same as step 5 (except DM)	Adjust VR104 (SEP, BAL) so that the both seperations of L to R and R to L become approximately equal, then adjust VR105 (SEP.) so that the seperation becomes to the maximum. These adjust- ments should be repeated two or three times.	50dB or more (55dB)
7	PILOT SIGNAL ERASE	VR106 T103	FM Ant.	Output (L, R)	FM SG 98MHz 60dBμ stereo (MD) pilot: 9%	Connect VTVM and OSC to the Output terminal, and adjust VR 106 and T 103 so that carrier level becomes minimum.	60dB or more (both ch.)
8	SIGNAL METER SESITIVITY	VR102	FM Ant.		FM SG 98MHz 80dBμ 0%	Adjust VR 102 so that the signal meter swings 90.	90

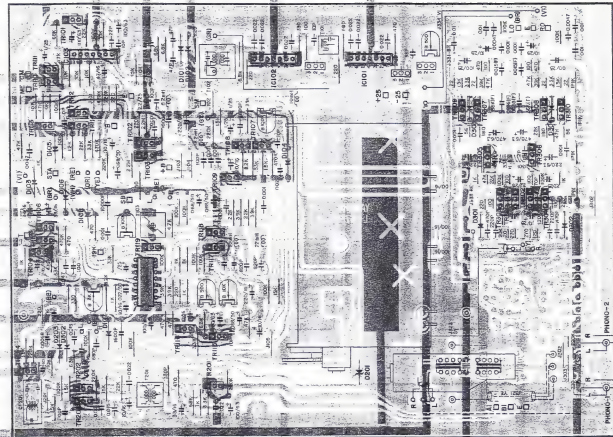
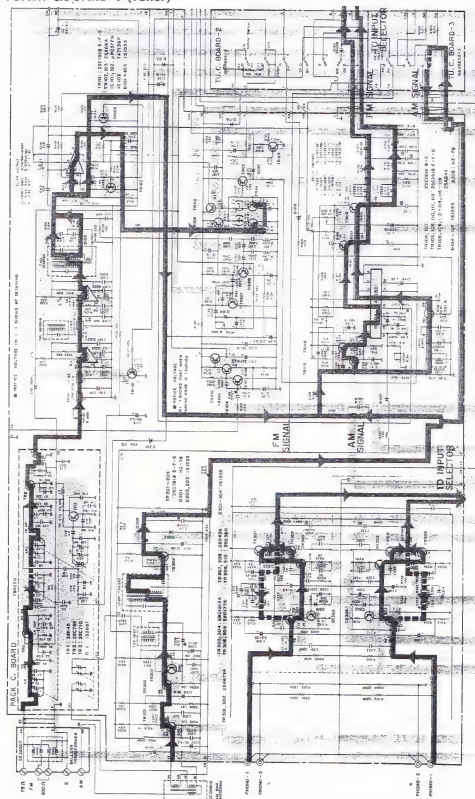
CIRCUIT BOARDS

POWER SUPPLY C. BOARD-1

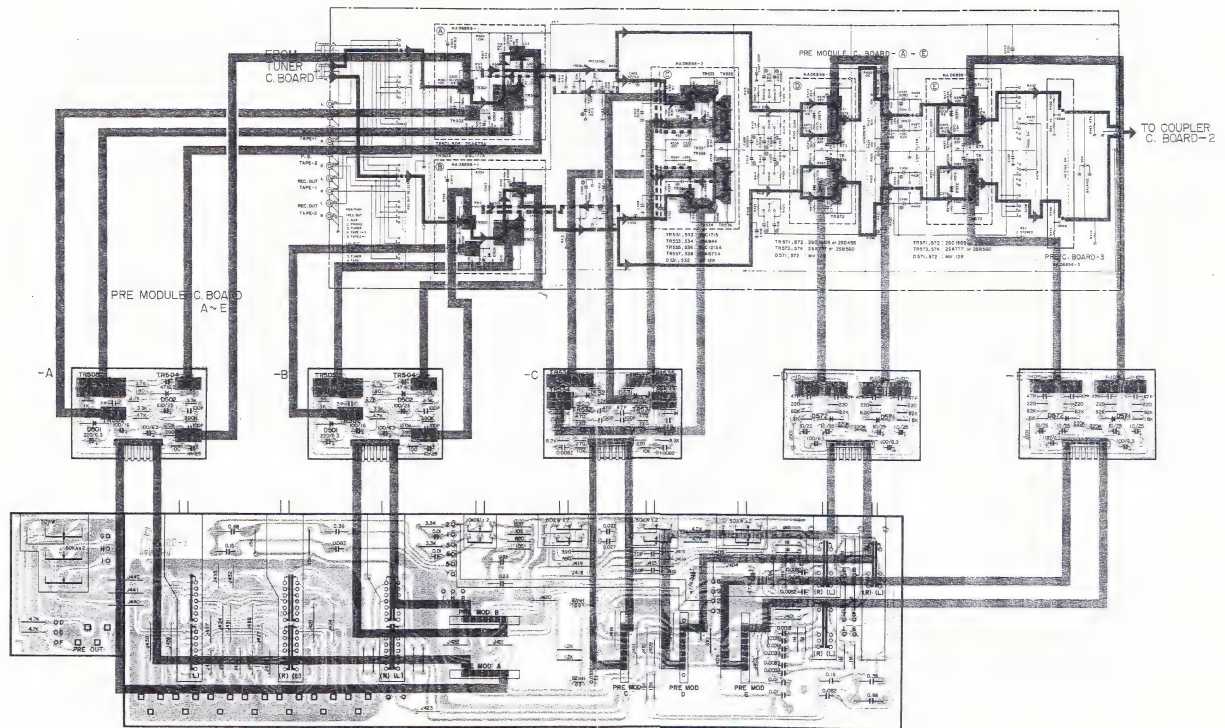


CIRCUIT BOARDS

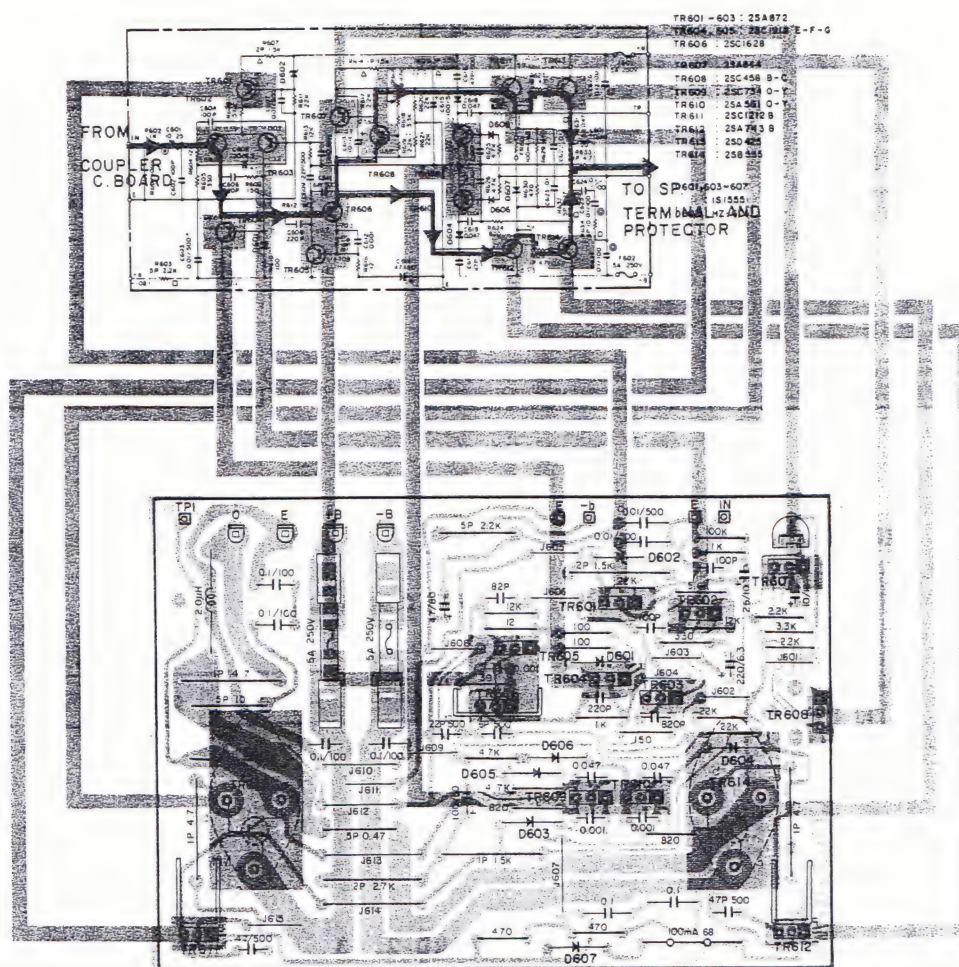
TUNER C.B.OARD-1 (Tuner)



PRE C.BOARD-1,2 (Equalizer and Tone Control Amp.)

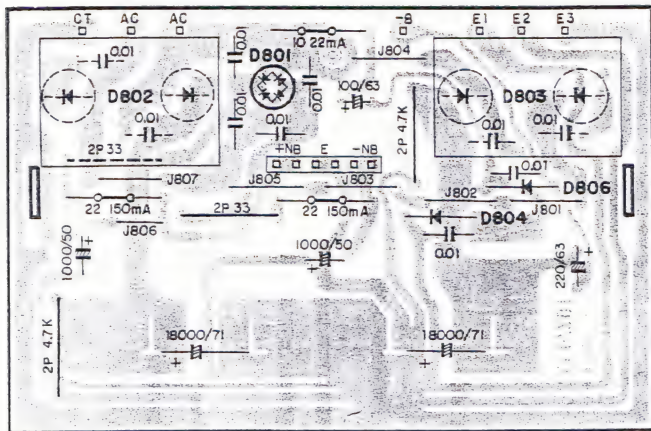


MAIN C.B.O.A.R.D

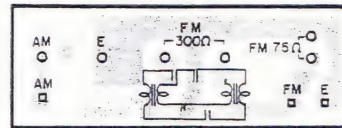


CIRCUIT BOARDS

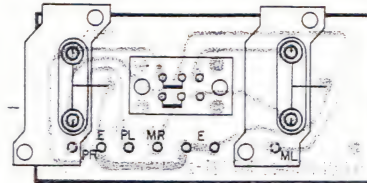
ELECTROLYTIC CAP. C. BOARD



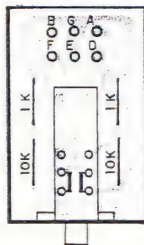
COUPLER C.BOARD-1



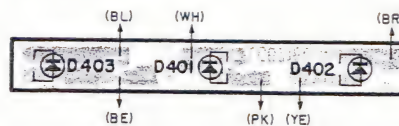
COUPLER C.BOARD-2



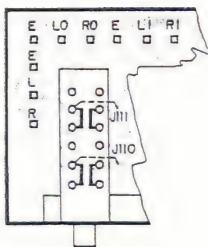
PRE C.BOARD-3



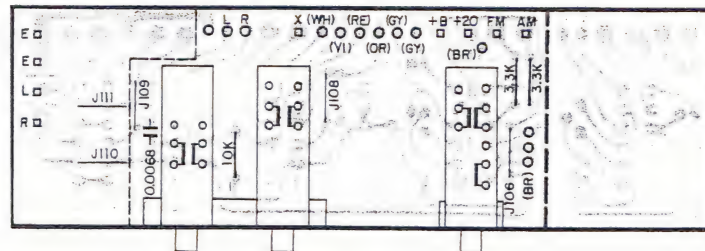
PRE C.BOARD-4



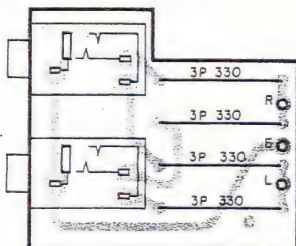
TUNER C.BOARD-2. -3



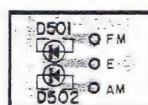
(Only for
US. and
Canadian
models.)



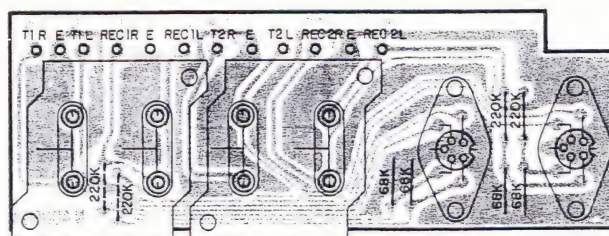
HEAD PHONE C.BOARD-1



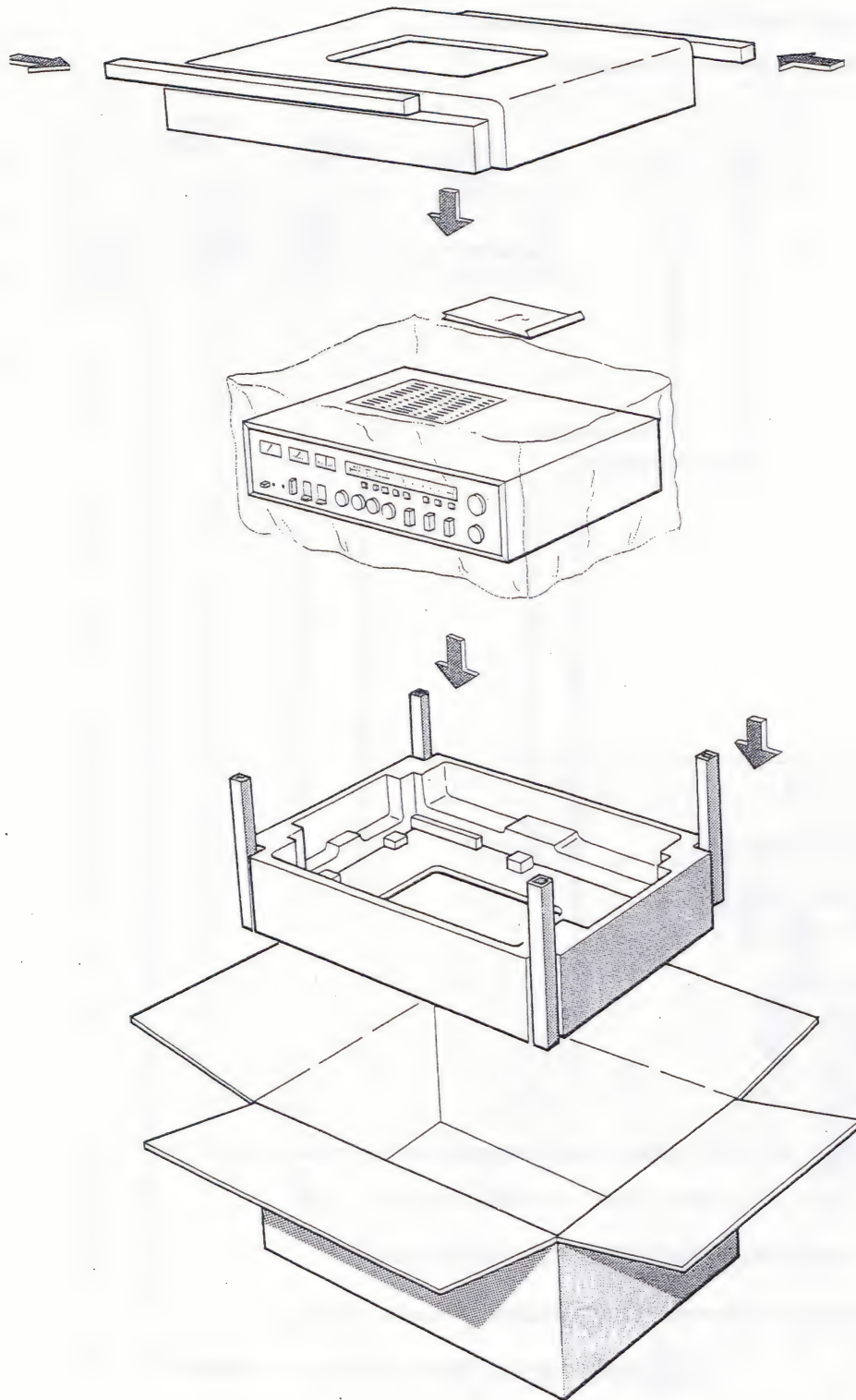
HEAD PHONE C.BOARD-2



DIN C.BOARD (Only for European models)



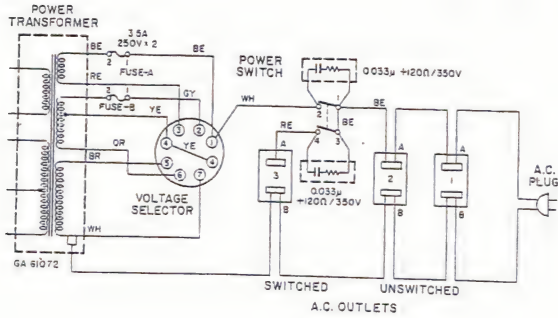
PACKAGE



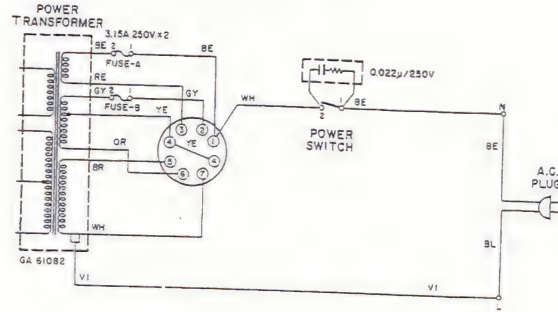
SCHEMATIC DIAGRAM BY EXPORT ZONE

POWER SUPPLY CIRCUIT

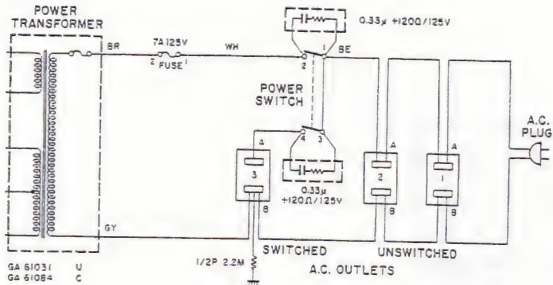
GENERAL EXPORT model



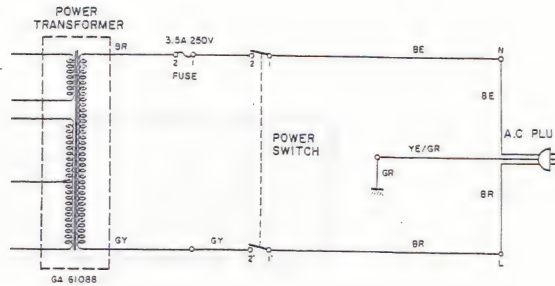
EUROPEAN model



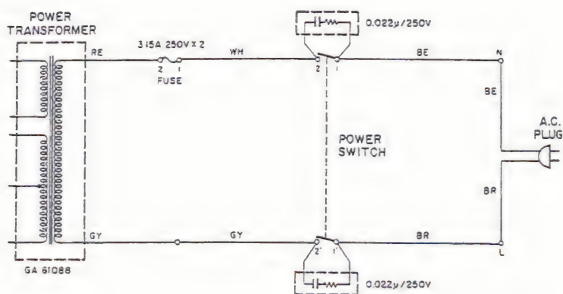
US & CANADIAN model



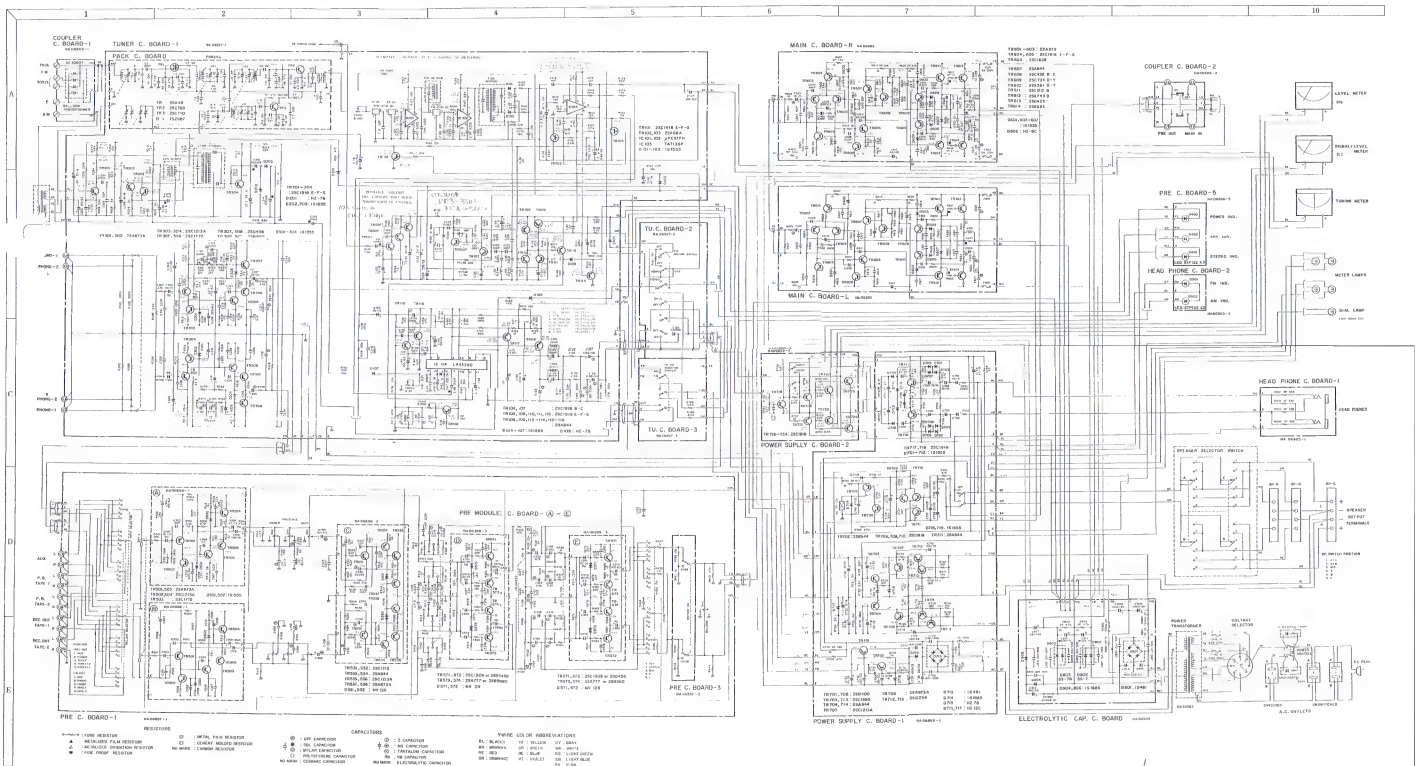
AUSTRALIAN model



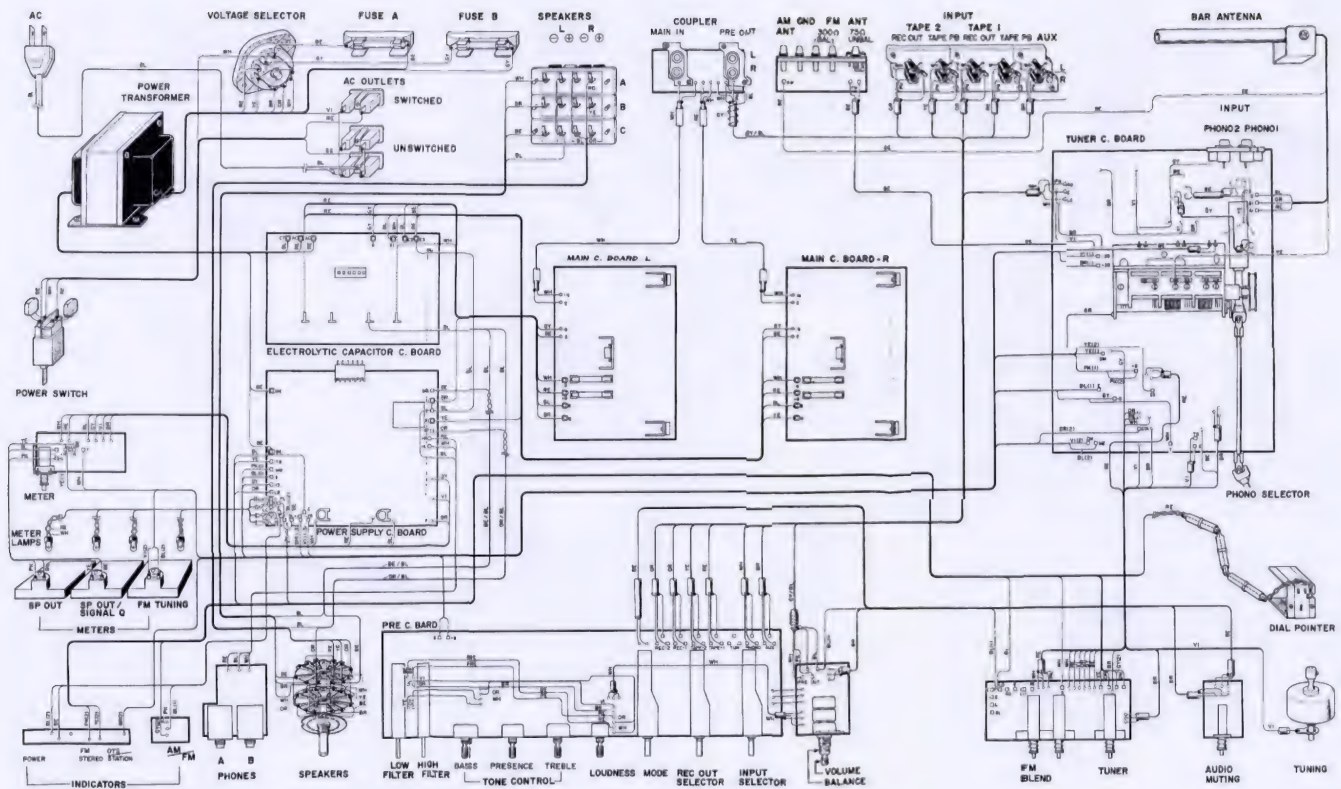
UK model



SUBSYSTEM DIAGRAM



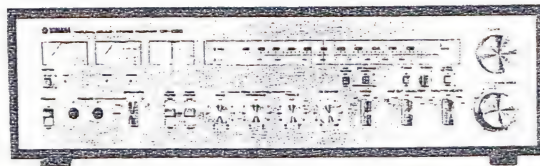
WIRING



PARTS LIST

CR-1020

FM/AM STEREO RECEIVER

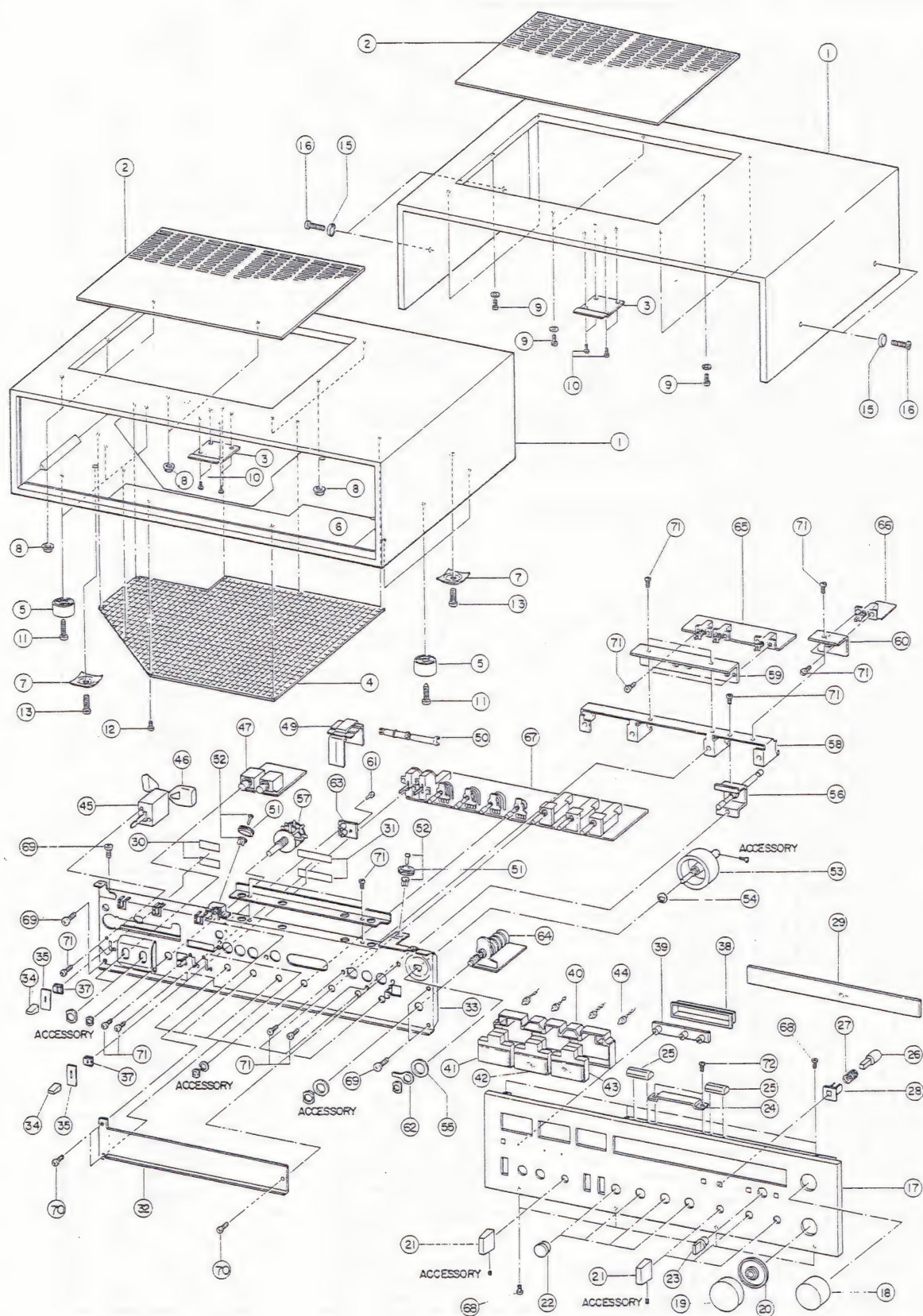


SINCE 1887



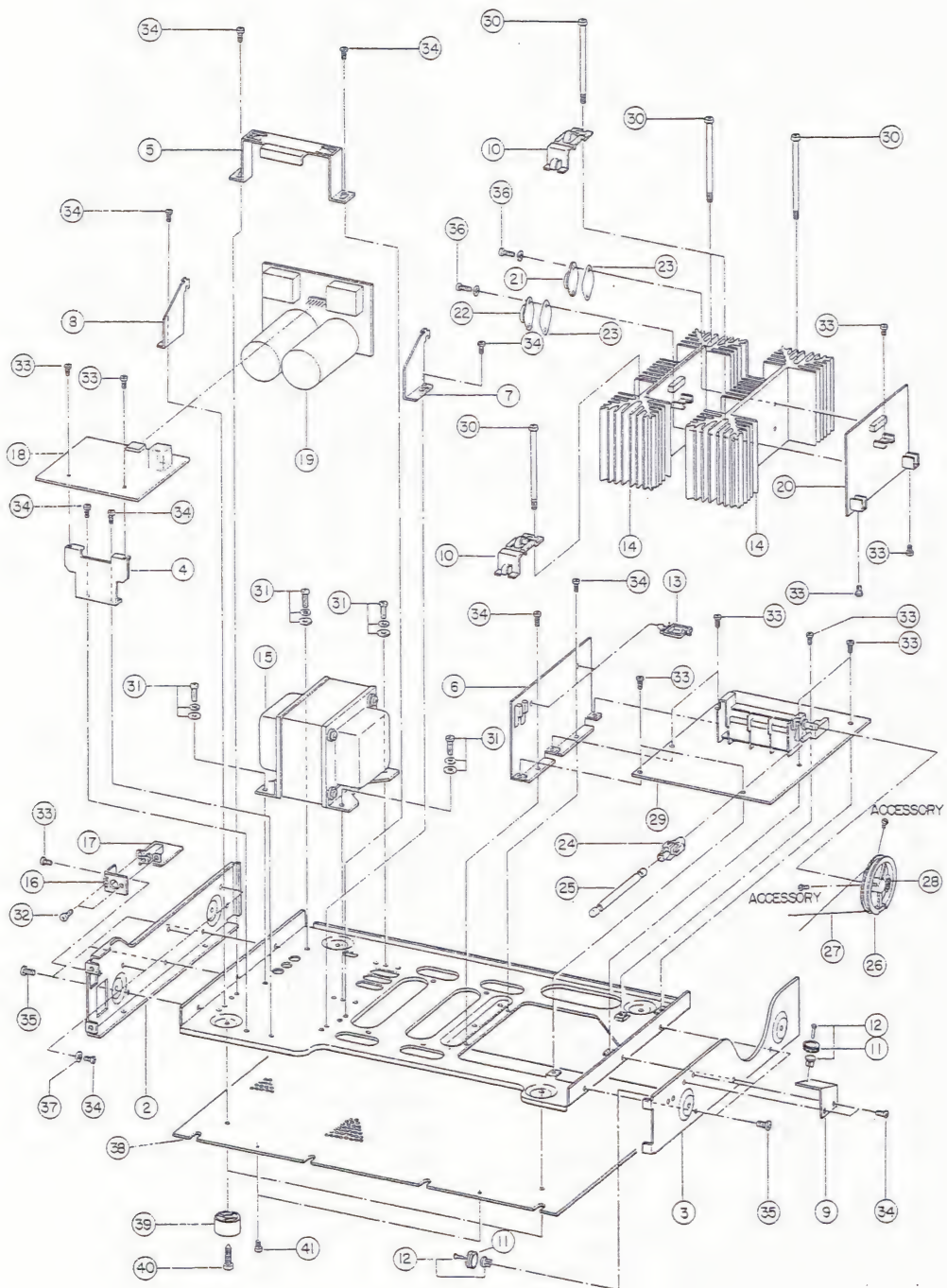
YAMAHA

NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN



Ref. No.	Part No.	Description	Remarks	Common Models
1	3 2 0 0 1 5 5 0 6 1 5 1 1 0	Cabinet	外装組み上り	R,U,C,A
	3 2 0 0 1 5 5 0 6 1 5 2 1 0	—do.—	//	E,B
2	3 2 0 0 0 0 A A 0 8 5 3 1 0	Radiator Grille	放熱グリル	R,U,C,A
	3 2 0 0 0 0 C B 0 7 9 4 0 0	—do.—	//	E,B
3	3 2 0 0 0 0 A A 0 8 5 3 2 0	Metal, Warp Prevention	反り止め金具	R,U,C,A
	3 2 0 0 0 0 A A 0 8 5 3 0 0	—do.—	//	E,B
4	3 2 0 0 0 0 A A 0 8 5 3 3 0	Punching Metal	パンチングメタル	R,U,C,A
5	4 2 0 0 0 0 C B 0 7 9 4 9 0	Leg	脚	CR-2020, 620,820
6	4 2 0 0 0 0 C A 0 6 5 6 8 0	Shield Paper	バリヤ紙	R,U,C,A
7	3 2 0 0 0 0 A A 0 7 4 6 3 0	Amp. Setting Washer	アンプ取付ワッシャー	R,U,C,A
8	4 2 0 0 0 0 E V 9 0 0 0 3 0	Hexagonal Nut With Washer M3 ZMC2-Y	座付ナット	R,U,C,A
9	4 2 0 0 0 0 E i 0 3 0 1 0 0	Binding Tapping Screw 3×10 ZMC2-Y	バイインドタッピングネジ	E,B
10	4 2 0 0 0 0 E Q 7 3 1 1 0 0	Wooden Screw 3.1×10 ZMC2-Y	鉄丸木ネジ	R,U,C,A
11	4 2 0 0 0 0 E Q 7 4 1 2 0 0	—do.— 4.1×20 ZMC2-Y	//	R,U,C,A
12	4 2 0 0 0 0 E Z 0 3 1 1 0 0	Wooden Cums Screw 3.1×10 ZMC2-Y	鉄丸座付木ネジ	R,U,C,A
13	4 2 0 0 0 0 E A 0 5 0 2 5 0	Pan Head Screw 5×25 ZMC2-Y	ナベ小ネジ	R,U,C,A
14	4 2 0 0 0 0 E J 0 4 0 1 4 0	Pan Head Tapping Screw 4×14 ZMC2-Y	ナベタッピングネジ	E,B
15	3 2 0 0 0 0 C B 0 7 9 5 2 0	Hole Cap	ホールキャップ	E,B
16	4 2 0 0 0 0 E D 4 5 0 1 4 0	Binding Head Screw 5×14 FCM3-BI	バイインド小ネジ	E,B
17	3 2 0 0 0 0 B A 0 6 9 7 5 0	Panel	パネル	R,A,E,B
	3 2 0 0 0 0 B A 0 6 9 7 4 0	—do.—	//	U,C
18	3 2 0 0 0 0 B A 0 6 9 6 8 0	Knob, Tuning	Tuツマミ	CR-2020
19	3 2 0 0 0 0 B A 0 6 9 6 9 0	—do.—, Volume Control	Volツマミ	—do.—
20	3 2 0 0 0 0 B A 0 6 9 7 0 0	Double Knob	ダブルツマミ	—do.—
21	3 2 0 0 0 0 B A 0 6 9 7 1 0	Knob, Switch	SWツマミ	—do.—
22	3 2 0 0 0 0 B A 0 6 4 4 5 0	—do.—, Tone Control	ツマミ	CR-400,620, 820,2020
23	3 2 0 0 0 0 C B 0 7 9 2 7 0	—do.—, Phono Selector	Phonoツマミ	CR-2020
24	3 2 0 0 0 0 A A 0 8 4 9 4 0	Metal, Warp Prevention	反り止め金具	CR-2020, 620,820
25	3 2 0 0 0 0 C B 0 7 9 3 2 0	Spacer, Warp Prevention	反り止めスペーサー	R,U,C,A
26	3 2 0 0 0 0 C B 0 7 9 2 4 0	Button, Push Switch	プッシュボタン	—do.—
27	3 2 0 0 0 0 A A 0 8 4 9 5 0	Spring, Push Switch	プッシュスプリング	—do.—
28	3 2 0 0 0 0 C B 0 7 9 2 5 0	Button Frame, Push Switch	プッシュボタン枠	—do.—
29	3 2 0 0 0 0 C G 0 6 0 4 5 0	Dial Panel	ダイヤルパネル	CR-2020
30	4 2 0 0 0 0 C B 0 7 9 0 2 0	Film For Apion	エプロン 受けフィルム	CA-1010 CR-2020
31	4 2 0 0 0 0 C B 0 7 9 1 0 0	—do.—	//	CA-R1 CR-2020
32	3 2 0 0 0 0 B A 0 6 9 6 6 0	Dial Scale	ダイヤル目盛板	CR-2020
33	3 2 0 0 0 0 A A 0 8 4 7 2 0	Sub-Chassis	サブシャーシ	—do.—
34	3 2 0 0 0 0 C B 0 7 9 7 8 0	Knob, Lever Switch	レバーツマミ	—do.—
35	4 2 0 0 0 0 C B 0 7 9 5 0 0	Apion, Lever Switch	SWエプロン	CA-R1 CR-2020
36	4 2 0 0 0 0 C B 0 7 9 5 1 0	—do.—	//	—do.—
37	3 2 0 0 0 0 C B 0 7 9 7 7 0	Bush, Lever Switch	SWブッシュ	CT-R1 CR-2020
38	3 2 0 0 0 0 C B 0 7 9 2 9 0	Holder For LED	LEDホルダー	CR-2020
39	3 2 0 0 0 0 N A 0 6 8 9 7 4	Pre Circuit Board 4	プリシート 4	
A	4 2 0 0 0 0 H F 0 0 0 6 8 0	LED	LED	
B	3 2 0 0 0 0 C B 0 7 9 3 0 0	Spacer For LED	LEDスペーサー	CR-2020, 620,820
40	3 2 0 0 0 0 C B 0 7 9 2 3 0	Holder For Meters	メーターホルダー	CR-2020
A	3 2 0 0 0 0 C B 0 7 9 3 1 0	Colour Plate	カラープレート	CR-2020, 620,820
41	4 2 0 0 0 0 J i 0 0 0 6 4 0	Level Meter 47B 1mA 650Ω	レベルメーター	
42	4 2 0 0 0 0 J i 0 0 0 6 5 0	Signal Meter —do.—	シグナルメーター	
43	4 2 0 0 0 0 J i 0 0 0 6 7 0	Tuning Meter 47B 250μA 650Ω	チューニングメーター	
44	3 2 0 0 0 0 M Z 0 6 9 5 6 0	Lamp Assembly	ランプAssy	

Ref. No.	Part No.	Description	Remarks	Common Models
45	420000HA200030	Lower Switch	バツースイッチ	RAC
	420000HA200080	—do—	〃	E
	420000HA200090	—do—	〃	BA
46	420000P2000540	Spark Kiler 20500V 0033 μ +120K	スパークキラー	R
	420000P2000510	—do— 0033 μ +120K	〃	U
	420000P2000590	—do— 0022 μ	〃	E.B
	420000P2000930	—do— 0033 μ +120K	〃	C
A	420000C0072150	Cover For Capacitor 60025	コンデンサー カバー	RUBB
	420000C007880	—do— 100000 μ	〃	C
47	320000NA006005	Headphone Circuit Board 1	ヘッドフォン 回路板	
X	420000L0040520	Phone Jack LJB-1-2	フォンジャック	
B	420000HMS35330	Concent. Meated Resistor 3W300K	セメント抵抗	
48	320000AA008080	Dial Pointer Rod	ダイヤル 指針レール	
49	320000H0070700	Dial Pointer Unit	ダイヤル指針	
A	420000J0000510	Pilot Lamp UL 12V 60mA	パイロットランプ	
B	320000AA073670	Cover For Pointer	指針カバー	R, RAC 420000
C	320000C0048930	Pointer	ダイヤル指針	CR-2020 420000
D	320000C0048530	Holder, Dial Pointer	指針ホルダー	CR-2020 420000
E	320000C0058400	Colour Plate	指針カラー プレート	—do—
F	420000C0020030	Binding Head Screws 2x5 2MC217	バインディング ネジ	
50	320000C0070280	Lead Pipe	リードパイプ	CR-2020
51	320000C0075880	Wheel	車輪	CR-2020 420000
52	320000C0071890	Pulley Clc	プーリークリップ	—do—
53	320000H0070180	Tuning Unit	チューニング ユニット	CR-2020 420000
54	320000C0072880	Isolation Bush	絶縁ブッシュ	CR-2020 420000
55	420000CA000150	Isolation Fiber	絶縁ファイバー	—do—
56	320000AA0084780	Shaft Unit, Selector	シャフトユニット	CR-2020
57	420000KA501020	Rotary Switch 112008	ロータリースイッチ	
58	320000AA0084750	Switch Stay	SWステイ	CR-2020
59	320000AA0084980	Holder L. —do—	〃 L	
60	320000AA0084920	Holder R. —do—	〃 R	
61	420000C0068880	Plastic Sheet 435	プラスチック シート	
62	420000LA001110	Log Terminal 485	アースラダ	
63	320000NA006005	Headphone Circuit Board 2	ヘッドフォン 回路板	
A	420000IF000080	LED	LED	
B	320000C0070330	Spacer For LED	LEDスペーサー	
64	320000NA008897	Pre Circuit Board 1	プリシート1	
X	420000H5420180	Variable Resistor 50K \times 2+50K	可変抵抗器	
B	420000LA001280	Lapping Pin	ラッピングピン	
65	320000NA005521	Tuner Circuit Board 2	チューナーシート2	R
	320000NA005518	—do—	〃	U.C
	320000NA005552	—do—	〃	A.E.B
A	420000KA000030	Push Switch 1K4X3	プッシュスイッチ	BAEB
	420000KA000029	—do— 2K4X3	〃	U.C
	420000KA000027	—do— 1K4X3	〃	
B	420000LA001280	Lapping Pin	ラッピングピン	
C	420000FS113480	Bl. Ceramic Capacitor 50V 5000 μ	BL.コン	
66	320000NA006897	Pre Circuit Board 3	プリシート3	
A	420000KA000027	Push Switch 1K4X3	プッシュスイッチ	
67	320000NA006897	Pre Circuit Board 1	プリシート1	
X	420000KA500085	Rotary Switch 102-9045 N5	ロータリースイッチ	



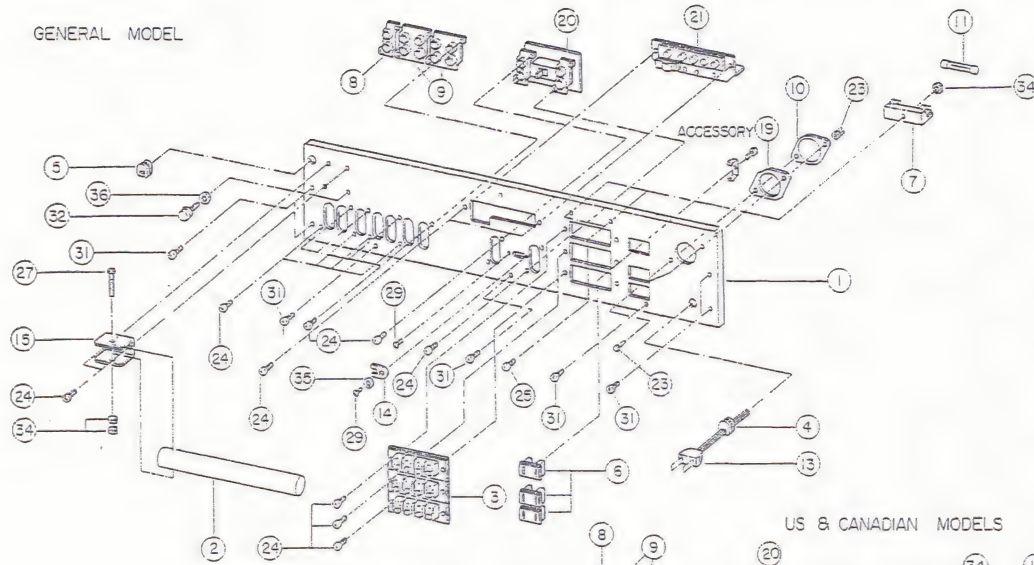
Ref. No.	Part No.	Description	Remarks	Common Models
1	3 2 0 0 0 0 A A 0 8 4 7 1 0	Main-Chassis	メインシャーシ	CR-2020
2	3 2 0 0 0 0 A A 0 8 4 7 3 0	Side Frame, L	サイドフレーム L	-do.-
3	3 2 0 0 0 0 A A 0 8 4 7 4 0	Side Frame, R	サイドフレーム R	-do.-
4	3 2 0 0 0 0 A A 0 8 4 8 3 0	Holder, Power Supply C. Board 1	電源シート1ホルダー	-do.-
5	3 2 0 0 0 0 A A 0 8 4 8 6 0	Holder, Electrolytic Cap.	ケミコンホルダー	
6	3 2 0 0 0 0 A A 0 8 4 8 5 0	Adiabatic Board	断熱板	CR-2020
7	3 2 0 0 0 0 A A 0 8 4 8 8 0	Holder R. Electrolytic Cap. C. Board	シートホルダー R	-do.-
8	3 2 0 0 0 0 A A 0 8 4 8 9 0	Holder L. Electrolytic Cap. C. Board	シートホルダー L	-do.-
9	3 2 0 0 0 0 A A 0 8 4 9 3 0	Holder For Pulley	滑車ホルダー	-do.-
10	3 2 0 0 0 0 A A 0 8 4 8 7 0	Plate For Cord	コード押え	-do.-
11	3 2 0 0 0 0 C B 0 7 5 8 4 0	Pulley	滑車	CR-620,820, 1020, CT-1010
12	3 2 0 0 0 0 C B 0 7 7 8 9 0	Pulley Clip	プーリークリップ	-do.-
13	3 2 0 0 0 0 C B 0 7 9 4 2 0	Wire Supporter	ワイヤークリップ	CR-2020
14	3 2 0 0 0 0 B A 0 6 5 7 5 0	Heat Sink	放熱板	CR-2020 CA-1000 II
15	4 2 0 0 0 0 G A 6 1 0 7 2 0	Power Transformer	電源トランス	R,E
	4 2 0 0 0 0 G A 6 1 0 7 4 0	-do.-	//	C
	4 2 0 0 0 0 G A 6 1 0 7 1 0	-do.-	//	U
	4 2 0 0 0 0 G A 6 1 0 7 8 0	-do.-	//	A,B
16	3 2 0 0 0 0 A A 0 8 4 9 0 0	Switch Stay	SW取付金具	CR-2020
17	3 2 0 0 0 0 N A 0 6 8 9 9 2	Power Supply Circuit Board 2	電源シート 2	R,U,C,A
	3 2 0 0 0 0 N A 0 6 9 0 0 2	-do.-	//	E,B
	4 2 0 0 0 0 K A 8 0 0 2 6 0	Push Switch 1X2X3	プッシュSW	
	4 2 0 0 0 0 I C 1 9 1 8 0 0	Transistor 2SC1918	トランジスター	
18	3 2 0 0 0 0 N A 0 6 8 9 9 1	Power Supply Circuit Board 1	電源シート1	R,U,C,A
	3 2 0 0 0 0 N A 0 6 9 0 0 1	-do.-	//	E,B
A	4 2 0 0 0 0 I A 0 6 5 9 1 0	Transistor 2SA659NP E,F	トランジスター	2SA673A,D
	4 2 0 0 0 0 I A 0 8 4 4 1 0	-do.- 2SA844 D,E	//	
	4 2 0 0 0 0 I B 0 5 4 4 0 0	-do.- 2SB544	//	
	4 2 0 0 0 0 I C 1 1 7 5 1 0	-do.- 2SC1175NP E,F	//	2SC1213AC,D
	4 2 0 0 0 0 I C 1 8 9 0 0 0	-do.- 2SC1890 D,E	//	
	4 2 0 0 0 0 I C 1 9 1 8 0 0	-do.- 2SC1918	//	
	4 2 0 0 0 0 I D 0 4 0 0 0 0	-do.- 2SD400	//	
	4 2 0 0 0 0 I D 0 2 3 4 0 0	-do.- 2SD234	//	
B	4 2 0 0 0 0 I F 0 0 0 0 4 0	Diode 1S1555	ダイオード	
	4 2 0 0 0 0 I F 0 0 0 2 4 0	-do.- 1S1885	//	
	4 2 0 0 0 0 I H 0 0 0 4 7 0	-do.- 1D4B1	//	
	4 2 0 0 0 0 I F 0 0 0 6 4 0	Zener Diode HZ-7B	ツェナーダイオード	
	4 2 0 0 0 0 I F 0 0 0 5 5 0	-do.- HZ-12C	//	
C	4 2 0 0 0 0 F H 2 3 4 1 0 0	Ceramic Capacitor 0.01 μ 500VYZ	セラコン	
	4 2 0 0 0 0 F J 2 5 9 1 0 0	Electrolytic Cap. 1000 μ 35V	ケミコン	
	4 2 0 0 0 0 F Z 0 0 0 4 5 0	-do.-, Z Type 47 μ 16V	Zケミコン	
D	4 2 0 0 0 0 H T 1 7 0 0 6 0	Variable Resistor B 2K	半固定抵抗	
	4 2 0 0 0 0 H L 3 1 4 1 5 0	Metal Oxide Film Resistor 15 Ω	酸化抵抗	
	4 2 0 0 0 0 H M 5 3 5 1 8 0	Cement Molded Resistor 3P 180 Ω	セメント抵抗	
	4 2 0 0 0 0 H M 0 5 5 1 0 0	-do.- 5W100 Ω	//	
E	4 2 0 0 0 0 K B 0 0 1 0 6 0	Fuse ST-4 1A250V	ヒューズ	R,U,C,A
	4 2 0 0 0 0 K B 0 0 0 7 3 0	-do.- ⑤ 1A250V	//	E,B
F	4 2 0 0 0 0 K C 0 0 0 3 5 0	Relay HC-2P 12V80mA	リレー	
G	4 2 0 0 0 0 L A 0 0 0 5 3 0	Eyelet	ハトメ	
H	4 2 0 0 0 0 L B 2 0 0 9 0 0	Fuse Holder	ヒューズホルダー	R,U,C,A
	4 2 0 0 0 0 L B 2 0 1 0 6 0	-do.-		E,B

Ref. No.	Part No.	Description	Remarks	Common Models
I	420000L8000280	Connector Socket	コネクタ	
J	420000L8001280	Wire Lapping Pin	ラッピング端子	
K	32000008000730	Resistor	抵抗器	
18	320000N8000040	Electrolytic Cap. G. Board	ケミコンシート	SCAEB
	320000N8000020	—do—	—	U
A	420000I8000250	Diode 1S1885	ダイオード	
	420000I8000000	—do— 1S-5	—	SS/11
	420000I8000010	—do— 1S-2R	—	SS/11R
	420000I8000470	—do— 0481	—	
B	420000FH234130	Ceramic Capacitor 001,500V	セラコン	
	420000F2200120	Electrolytic Cap. 1000,50V	ケミコン	
	420000F2000010	—do—, Lug Type 1000,45V	ケミコンラゲ型	
C	420000H1320470	Metal Oxide Film Resistor 2P4,70	膜電抵抗	
	420000H1020140	—do— 2P100	—	
	420000HW100220	Film Resistor 150m220	ヒューズ抵抗	RACCB
	420000HW200220	—do—	—	U
	420000HW1004100	—do— 220m4100	—	RACCB
	420000HW2004100	—do—	—	U
D	420000L80002530	Exzel. Rth. Ring	引線付ハット	
	420000L8001760	SP Connector, C. Board Type	コネクタピン	
20	320000N8000010	Main Circuit Board	メインシート	RA
	320000N8000050	—do—	—	U
	320000N8000090	—do—	—	C
	320000N8000090	—do—	—	CB
A	420000I8000470	Transistor 2SA161 O-Y	トランジスタ	
	420000I8000000	—do— 2SA164	—	
	420000I8000200	—do— 2SA172	—	
	420000I00045000	—do— 2SC458 B.C	—	
	420000I00015000	—do— 2SC73A O-Y	—	
	420000I01002000	—do— 2SC1626 O-Y	—	
	420000I01015000	—do— 2SC1918 E.F.G	—	
	420000I80010300	—do— 2SA743 B	—	
	420000I0101250	—do— 2SC1212 B	—	
B	420000I8000040	Diode 1S1501	ダイオード	
	420000I8000010	Zero Diode 1S-00	リッチダイオード	
C	420000F0020100	Mylar Capacitor 0.1,100V	マイラーコン	
	420000FH234100	Ceramic Cap. 501,500V	セラコン	
	420000FH610000	—do— 5P500V	—	
	420000FH611220	—do— 2P500V	—	
	420000FH611470	—do— 4P500V	—	
	420000F2000000	Electrolytic Cap. RB 10u25V	RBケミコン	
D	420000H1410150	Variable Resistor 54.7K	ソリッドVR	
	420000H1410150	Metal Oxide Film Resistor 1P 15K	膜電抵抗	
	420000H1020150	—do— 2P15K	—	
	420000H1020270	—do— 2P27K	—	
	420000HM050470	Constant Modest Resistor 5P9.47	サメント抵抗	
	420000HM050410	—do— 5P100	—	
	420000HM050220	Constant Modest Resistor 5P2.2K	—	
	420000H2000710	Fire Proof Resistor 1P4.7	不燃性抵抗	
	420000HW110000	Film Resistor 100m400	ヒューズ抵抗	RCAAC
	420000HW210000	—do—	—	U

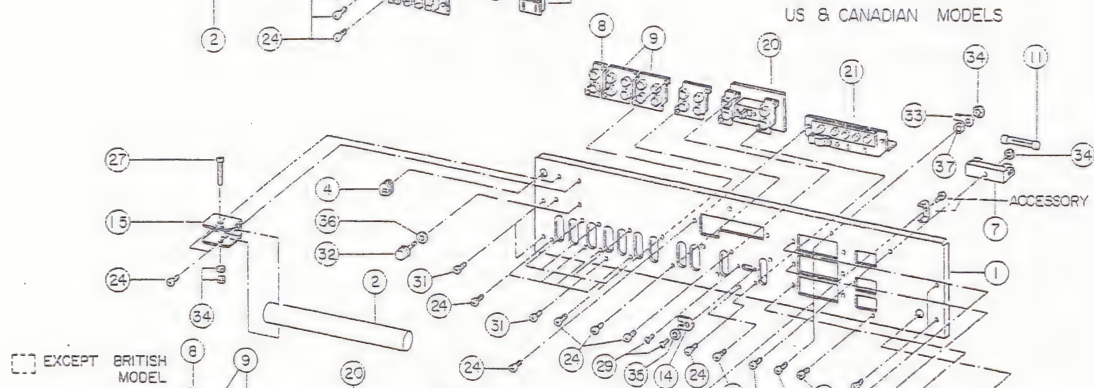
Ref. No.	Part No.	Description	Remarks	Common Models
E	4 2 0 0 0 0 G D 9 0 0 2 1 0	Coil 2.0 μ H	コイル	
F	4 2 0 0 0 0 K B 0 0 0 5 9 0	Fuse, ⑤ 5A250V	⑤ヒューズ	B,E
	4 2 0 0 0 0 K B 0 0 1 1 0 0	-do.- UL 5A250V	ULヒューズ	R,U,C,A
G	3 2 0 0 0 0 B A 0 6 9 5 5 0	Radiator	放熱板	CA-R1 CR-2020
	3 2 0 0 0 0 B A 0 6 9 6 7 0	-do.-	//	CR-2020
H	3 2 0 0 0 0 B B 0 6 3 0 8 0	TR-Pusher	トランジスター プッシャー	CR-520, 820, 2020, CA-1000 II
I	4 2 0 0 0 0 L A 0 0 0 3 7 0	Pipe-Lug Terminal	パイプラグ	
	4 2 0 0 0 0 L A 0 0 0 5 3 0	Eyelet With Wing	羽根付ハトメ	
	4 2 0 0 0 0 L A 0 0 0 6 4 0	Eyelet	ハトメ	
J	4 2 0 0 0 0 L B 2 0 0 9 0 0	Fuse Holder Pin YSP402P	ヒューズ ホルダーピン	R,U,C,A
	4 2 0 0 0 0 L B 2 0 1 0 6 0	-do.- YSH403P	//	B,E
K	4 2 0 0 0 0 L B 3 0 0 1 1 0	Transistor Socket SZ-110B-00	トランジスター ソケット	R,B,A,E
	4 2 0 0 0 0 L B 3 0 0 2 7 0	-do.- SZ-110M-0L	//	U,C
21	4 2 0 0 0 0 i B 0 5 5 5 0 0	Transistor 2SB555 R-0	トランジスター	
22	4 2 0 0 0 0 i D 0 4 2 5 0 0	-do.- 2SD425 R-0	//	
23	4 2 0 0 0 0 i L 0 0 0 2 3 0	Isolation Base, Mica	マイカベース	
24	3 2 0 0 0 0 B A 0 6 9 7 2 0	Shaft	延長シャフト	CR-2020
25	3 2 0 0 0 0 C B 0 7 7 9 4 0	Joint	ジョイント	CR-520, 820, 520, CA-1010
26	3 2 0 0 0 0 C B 0 7 9 2 6 0	V.C Pulley	バリコンプリー	CR-520, 820, 2020
27	4 2 0 0 0 0 C B 0 7 7 0 7 0	Dial String $\phi 0.39 \times 1.6$ m	ダイヤル糸	
28	3 2 0 0 0 0 A A 0 8 0 5 3 0	Dial Spring	ダイヤル スプリング	CR-520, 820, 2020, 450
29	3 2 0 0 0 0 N A 0 6 9 2 7 1	Tuner Circuit Board 1	チューナーシート1	R
	3 2 0 0 0 0 N A 0 6 8 9 4 1	-do.-	//	U,C
	3 2 0 0 0 0 N A 0 6 8 9 5 1	-do.-	//	A,E,B
A	4 2 0 0 0 0 P A 0 0 0 3 7 0	RF Pack FB623U	バック	CR-2020
B	4 2 0 0 0 0 G E 1 0 0 1 5 0	OSC Coil	OSCコイル	
	4 2 0 0 0 0 G E 1 0 0 1 8 0	FM IFT	FM IFT	
	4 2 0 0 0 0 G E 1 0 0 2 0 0	FM Discriminator Coil	FMディスクリ コイル	
	4 2 0 0 0 0 G E 2 0 0 0 7 0	MPX Coil	MPXコイル	
	4 2 0 0 0 0 G E 2 0 0 1 6 0	-do.- 22mH	MPX固定コイル	
	4 2 0 0 0 0 G E 3 0 0 1 3 0	RF Inductor Coil 10 μ H	RFインダクター	
	4 2 0 0 0 0 G E 3 0 0 1 5 0	-do.- 8.2mH	//	
C	4 2 0 0 0 0 G G 0 0 0 0 8 0	Ceramic Filter FSN1067	セラミック フィルタ	
	4 2 0 0 0 0 G G 0 0 0 1 7 0	-do.- CFM-107M-12C	//	
D	4 2 0 0 0 0 F A 1 5 3 1 0 0	Mylar Capacitor(J) 0.001 μ 50V	マイラーコン	
	4 2 0 0 0 0 F A 1 5 4 1 5 0	-do.- (J) 0.015 μ 50V	//	A,E,B
	4 2 0 0 0 0 F A 1 5 4 2 2 0	-do.- (J) 0.022 μ 50V	//	R,U,C
	4 2 0 0 0 0 F A 1 1 3 1 0 0	-do.- 0.001 μ 50V	//	
	4 2 0 0 0 0 F A 1 1 3 4 7 0	-do.- 0.0047 50V	//	
	4 2 0 0 0 0 F D 1 5 2 8 2 0	Polystyrene Cap. (J) 820P	スチコン	
	4 2 0 0 0 0 F D 1 5 2 2 2 0	-do.- (J) 220P	//	
	4 2 0 0 0 0 F E 1 5 2 3 3 0	-do.- (J) 330P	//	
	4 2 0 0 0 0 F E 1 5 3 1 6 0	-do.- (J) 1600P	//	
	4 2 0 0 0 0 F E 1 5 4 1 0 0	-do.- (J) 10000P	//	
	4 2 0 0 0 0 F S 1 1 3 6 8 0	BL Ceramic Cap. 0.0068 μ 50V	SBL コン	
	4 2 0 0 0 0 F S 1 1 4 1 5 0	-do.- 0.015 μ 50V	//	
	4 2 0 0 0 0 F S 1 3 4 4 7 0	-do.- 0.047 μ 50V	//	
	4 2 0 0 0 0 F Z 0 0 0 9 8 0	Electrolytic Cap., RB 10 μ 25V	RBケミコン	
	4 2 0 0 0 0 F Z 0 0 0 7 2 0	UPF Cap. 0.015 μ 100V	UPFコン	
	4 2 0 0 0 0 F Z 0 0 0 7 3 0	-do.- 0.055 μ 100 V	UPFコン	
	4 2 0 0 0 0 F J 5 4 6 2 2 0	Electrolytic Cap., KU 2.2 μ 25V	ケミコンKU	

Ref. No.	Part No.	Description	Remarks	Common Models	
	420000FMA25480	Electrolytic Cap. 2 348, 50V	2ヤミコン		
E	420000HT110020	Variable Resistor 50K	本固定抵抗		
	420000HT170030	—do— 500R	ア		
	420000HT170040	—do— 8500	ア		
	420000HT110010	—do— 50K	ア		
	420000HU575470	Metal Film Resistor(F) 47K	全固定抵抗		
	420000HU577540	—do— 50K	ア		
F	420000IA067310	Transistor 2SA673A C/D	トランジスタ		
	420000IA084400	—do— 2SA68A D/E	ア		
	420000IA085600	—do— 2SD560	ア		
	420000IC121310	—do— 2SC1213A C/D	ア		
	420000IC177500	—do— 2SC1775 D/E	ア		
	420000IC191800	—do— 2SC1918 C/D E	ア		
	420000ID043800	—do— 2SD438	ア		
	420000IE100500	FET 2SK58A	FET		
G	420000IF000040	Diode 1S105	ダイオード		
	420000IF000040	Diode 1S105	ダイオード		
	420000IF000040	Diode 1S105	ダイオード		
H	420000IG000390	IC JPC577n	IC		
	420000IG001220	—do— TA7156P	ア		
	420000IG001230	—do— LA8200	ア		
I	420000KA501010	Rotary Switch 50Z-V0M2	ロータリースイッチ		
J	420000LB000310	4P Pin-Jack	ピンジャック		
K	420000LA001240	Bracket 3X15X1	ハコ		
L	420000LA001280	Wire Looping Pin	ワイヤリングピン		
20	420000EA450960	Pin Head Screw 5X96 FCM2-B1	アールのネジ		
31	420000EM048100	Pin Head Screw Type Screw 2.7X105 5X105M2-Y	ボルトネジ		
32	420000ED030060	Binding Head Screw 3X6 DMC2-Y	バインドのネジ		
33	420000EI030080	Binding Tapping Screw 3X8 DMC2-Y	バインドのネジ		
34	420000EI030060	—do— 3X6 DMC2-Y	ア		
35	420000EI030080	—do— 4X8 DMC2-Y	ア		
36	420000E2338140	SW Head Screw 5X14 FMS-3M	SWヘッドネジ		
37	420000EV200030	Flat Washer 10 DMC2-Y	平 washer		
38	420000AA004910	Bottom Cover	ボトムカバー	E.B	CR-1020
39	420000CB079490	Leg	脚	E.B	—do—
40	420000E2040140	Pin Head Tapping Screw 4X14 DMC2-Y	アールのネジ	E.B	
41	420000ED030080	Binding Tapping Screw 3X8 DMC2-Y	バインドのネジ	E.B	

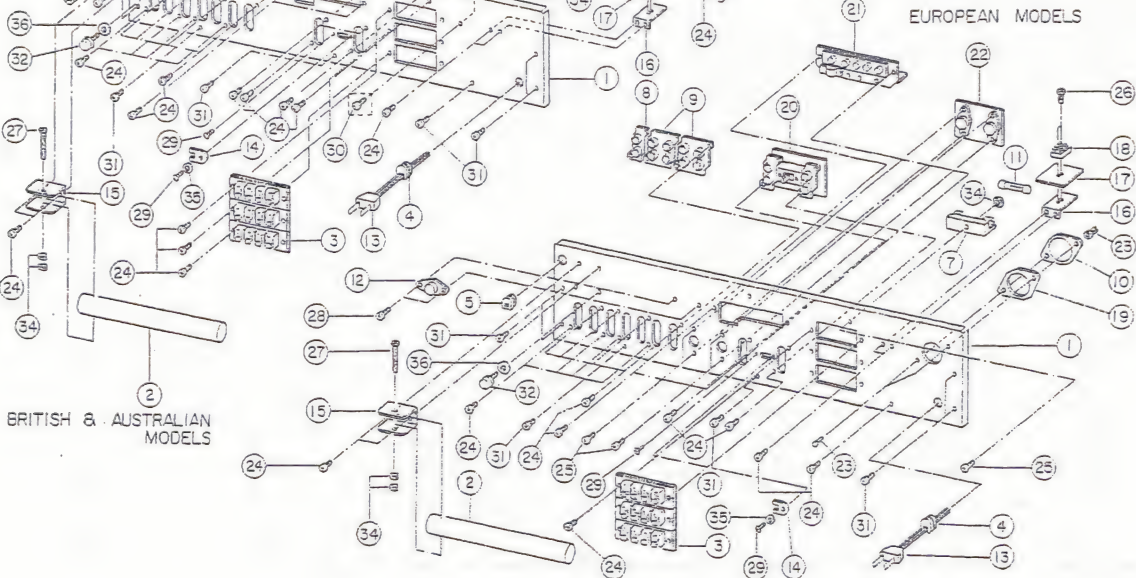
GENERAL MODEL



US & CANADIAN MODELS



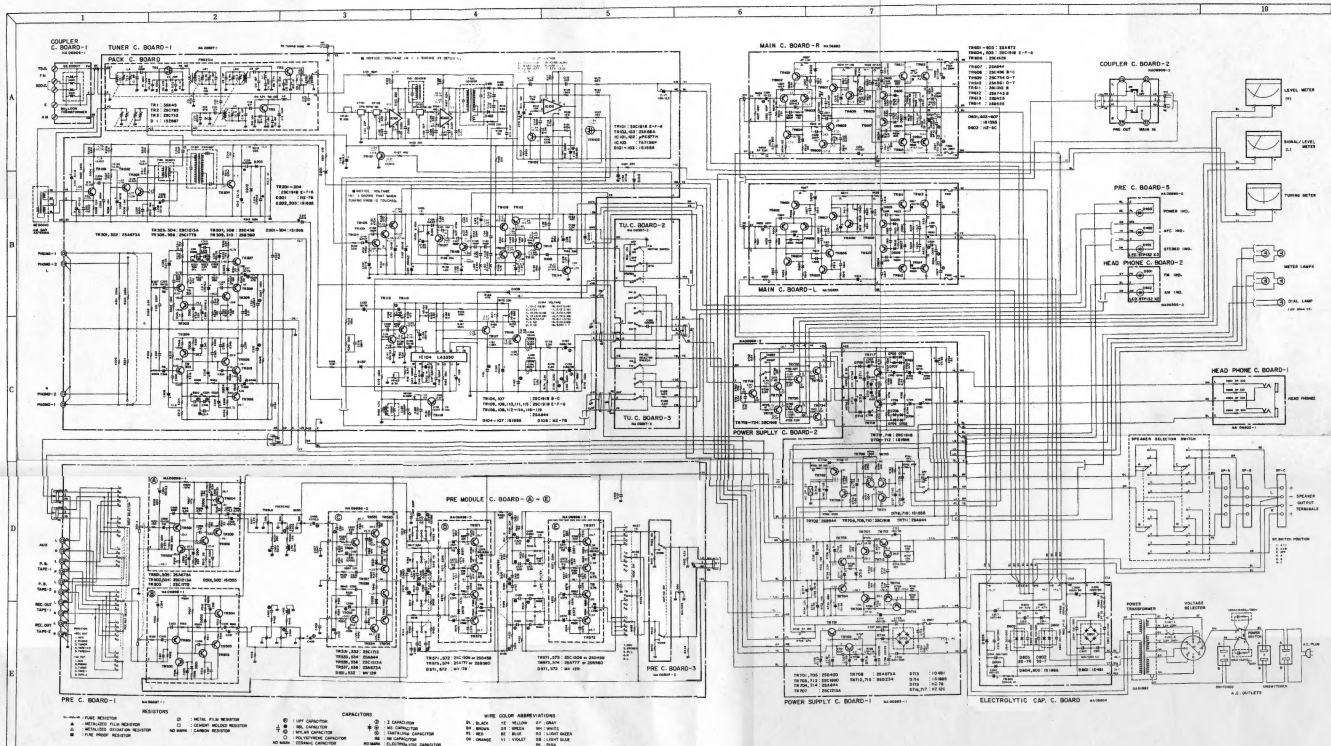
EUROPEAN MODELS

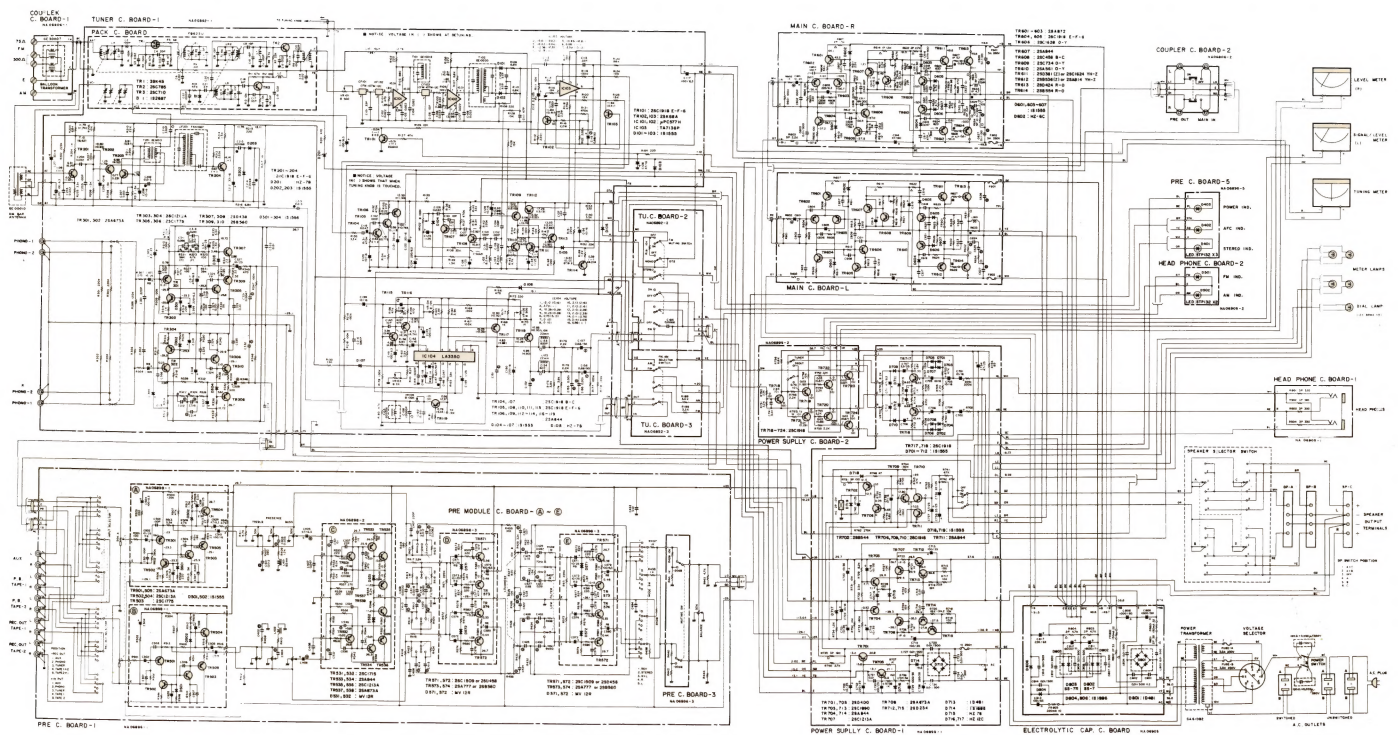


Ref. No.	Part No.	Description	Remarks	Common Models
1	120000AA084910	Rear Panel	リアパネル	R
	120000AA084140	—do—	R	E
	120000AA084880	—do—	R	U
	120000AA084990	—do—	A	A
	120000AA085000	—do—	N	E
	120000AA085110	—do—	N	D
2	120000G0000100	AM Bar Antenna	AMバーアンテナ	
3	120000LA001540	SP-Jack Terminal	SPジャック ターミナル	
4	120000G0008620	Cord Stopper 3R-3P-4	コードストッパー	R,U,D
	120000G0010450	—do— 1A-5	R	A,E,B
5	120000G0002730	Rubber Spacer	ゴムパッキン	R,A,E,B
				CAT 2000 500000
6	120000L0200670	AC Socket 5/1642R	ACコンセント	R,U,D
7	120000L0200880	Fuse Holder 1P/1A	ヒューズホルダー	R,U,D,A
	120000L0200940	—do— 1P/1A-4	N	E,B
8	120000L0200880	2P-Pin Jack	2Pピンジャック	
9	120000L0400160	4P-Pin Jack	4Pピンジャック	
10	120000L0200880	Voltage Selector 5R/11-202	電圧切替器	R,E
11	120000K0000420	Fuse 25A/250V	ヒューズ	R,A
	120000K0000690	Fuse ② 25A/250V	②ヒューズ	E,B
	120000K0001100	Fuse, UL 3A/250V	③ヒューズ	U,D
12	120000L0200150	75Ω Coaxial Cable Socket	75Ω同軸 コネクタ	E
13	120000M0000380	Power Cord	電源コード	R,U,D
	120000M0000500	—do—	R	A
	120000M0000460	Power Cord Assembly	R	B
				A-E 2P 4-Wire
14	120000C0005550	Strapped Counter Switch	カブラー・スイッチ	
				CR-2000 CA-10000
15	120000A0076810	Antenna Header	アンテナホルダー	
				CR-2000, CR-10000 4000001-20
16	120000A0084520	Stop, 3P-Terminal	端子スライ	A,E,B
				CR-2000 CA-1000
17	120000C0014870	Isolation Plate	絶縁板	A,E,B
				CR-1000, CR-10000 4000000
18	120000LA001240	Board, 3P-Terminal	3P中継端子板	A,E,B
				CR-1000 CR-10000
19	120000C0015550	Isolation Plate For V.Select	V.S.絶縁板	R,E
20	120000N0000300	Coupler Circuit Board 2	カブラー・シート2	
21	120000G0010800	Isolation Transformer	バリウム・トランス	
22	120000LA001950	Antenna Terminal	アンテナ端子	
23	120000LA001280	Wire Loading Pin	ワイヤリングピン	
24	120000NA000050	Coupler Circuit Board 1	カブラー・シート1	
25	120000KA000210	Safety Switch	安全スイッチ	
26	120000L0200880	2P-Pin Jack	2Pピンジャック	
27	120000LA000830	Eyelet	ハット	
28	120000NA000080	Dim Circuit Board	Dimシート	E
29	120000L0500190	Dim Socket	Dimソケット	E
30	120000LA000420	Eyelet	ハット	E
31	120000G0008880	Photo Resistor	フォト抵抗	R,E
32	120000C0008880	Binding Tapping Screw 3x8 FCMS-B1	バインドヘッド ネジ	
33	120000C0008880	Binding Head Screw 3x8 FCMS-B1	バインドヘッド ネジ	
34	120000C0008880	Binding Head Screw 3x8 FCMS-B1	バインドヘッド ネジ	
35	120000C0008880	Binding Head Screw 3x8 FCMS-B1	バインドヘッド ネジ	
36	120000C0008880	Binding Head Screw 3x8 FCMS-B1	バインドヘッド ネジ	
37	120000EA000050	Fan Head Screw 3x25 FCMS-B1	ファンヘッド ネジ	
38	120000EJ000080	Fan Head Tapping Screw 2.5x8 FCMS-B1	ファンヘッド ネジ	
39	120000EC000040	Oval Head Screw 2.5x8 FCMS-B1	オvals小ネジ	
40	120000EL000080	Binding Tapping Screw C-1 2x8 FCMS-B1	バインドヘッド ネジ	
41	120000EJ000080	Binding Tapping Screw 3x8 FCMS-B1	バインドヘッド ネジ	
42	120000LA001070	Earth Terminal	アース端子	



SCHEMATIC DIAGRAM





WIRING

